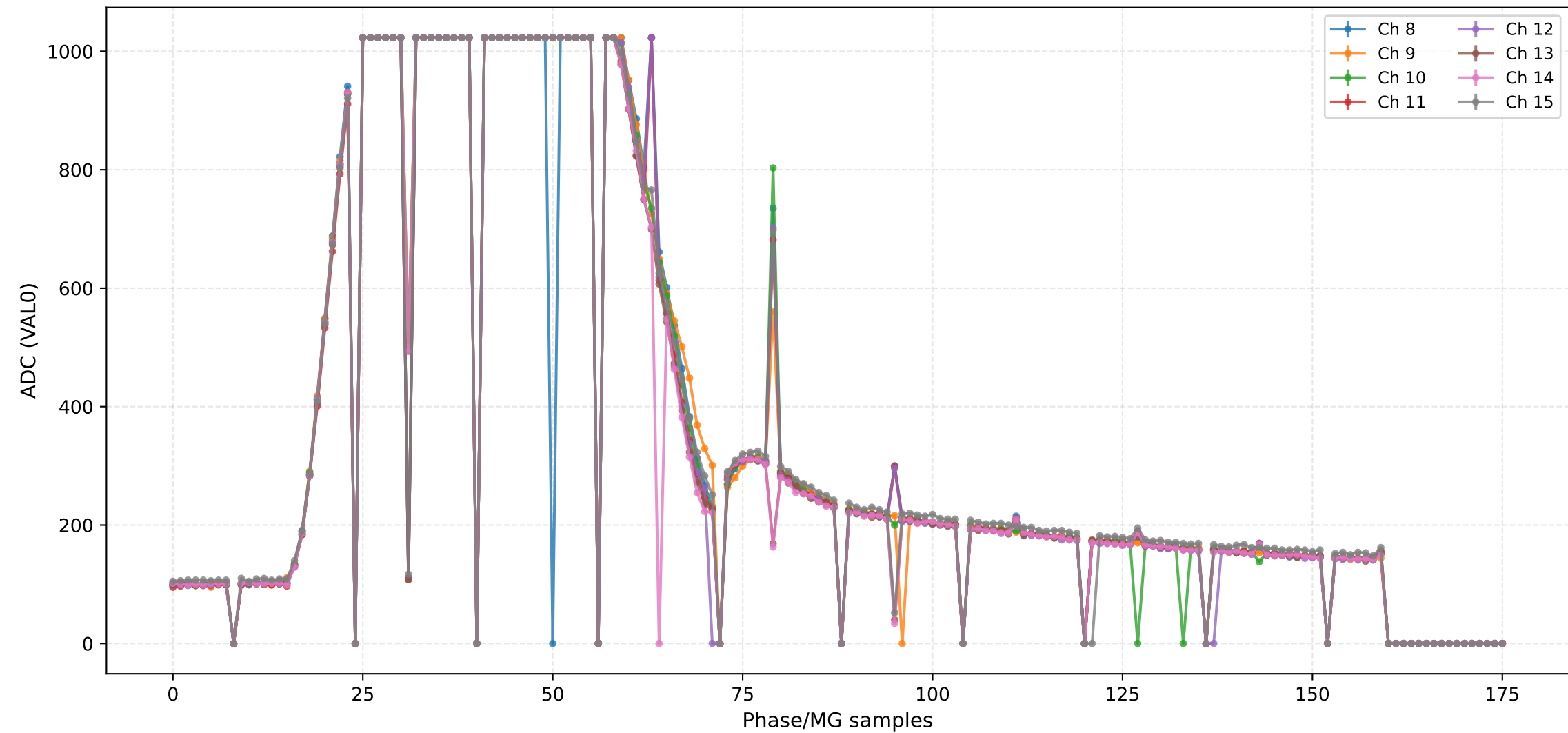
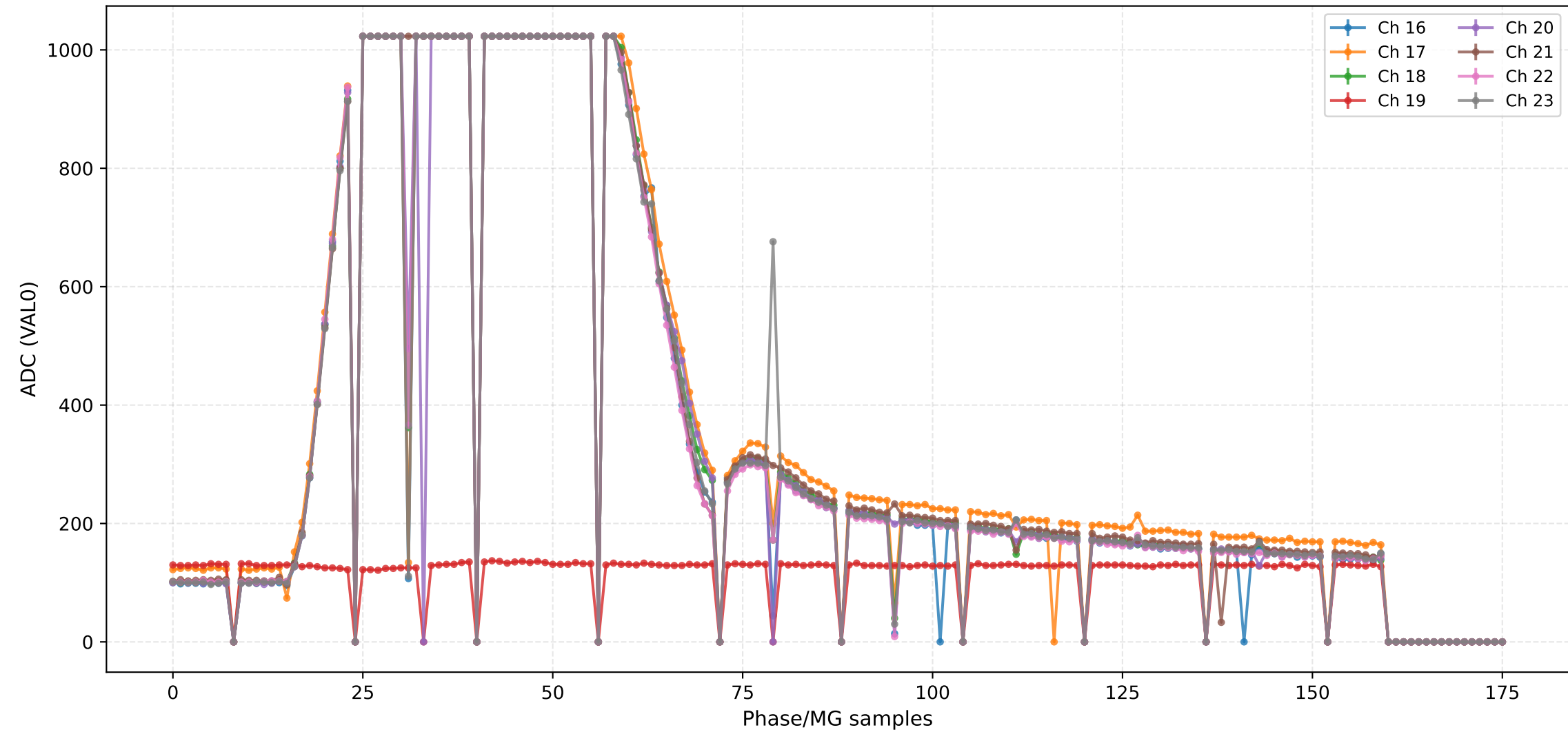




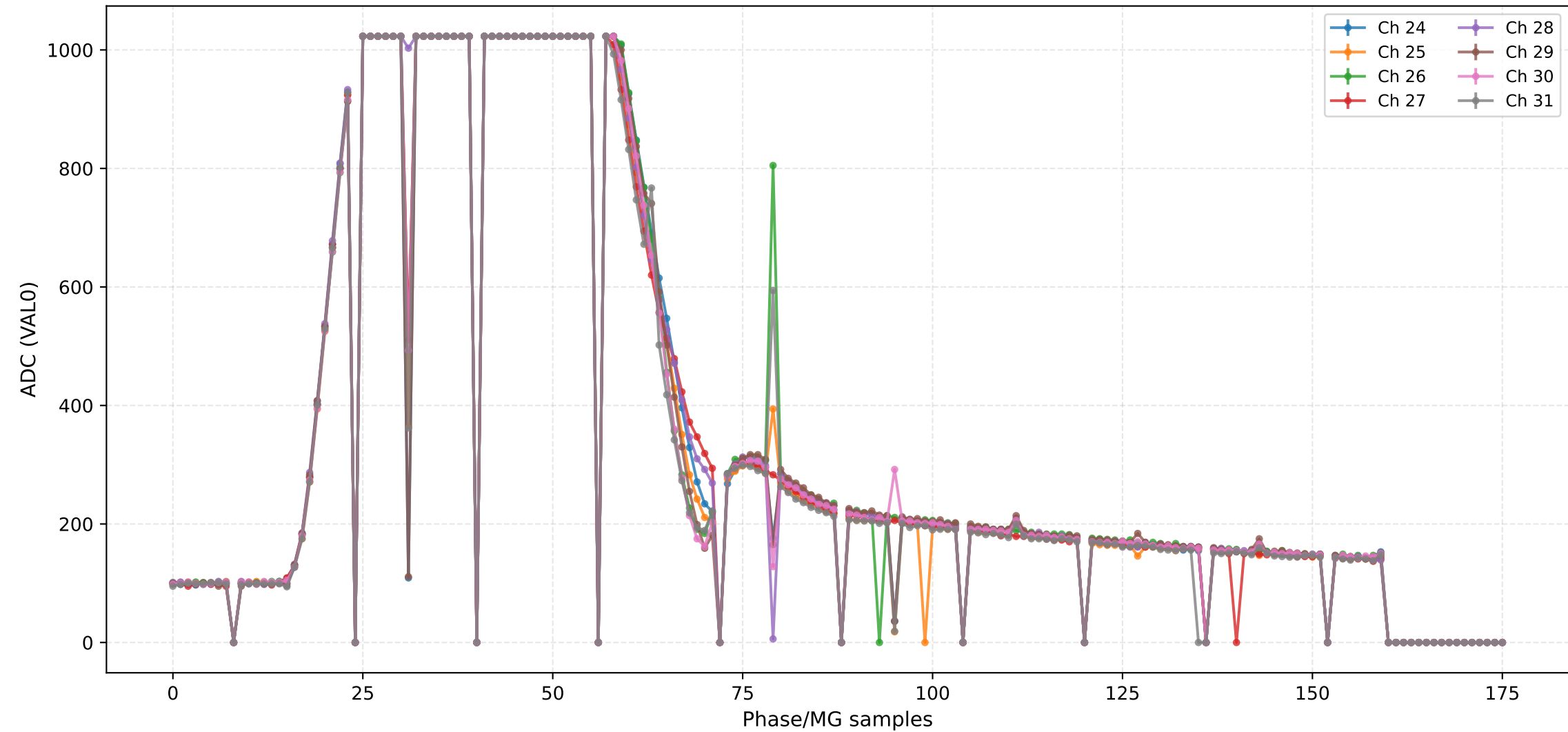
### ADC (VAL0) - Channels 8 to 15



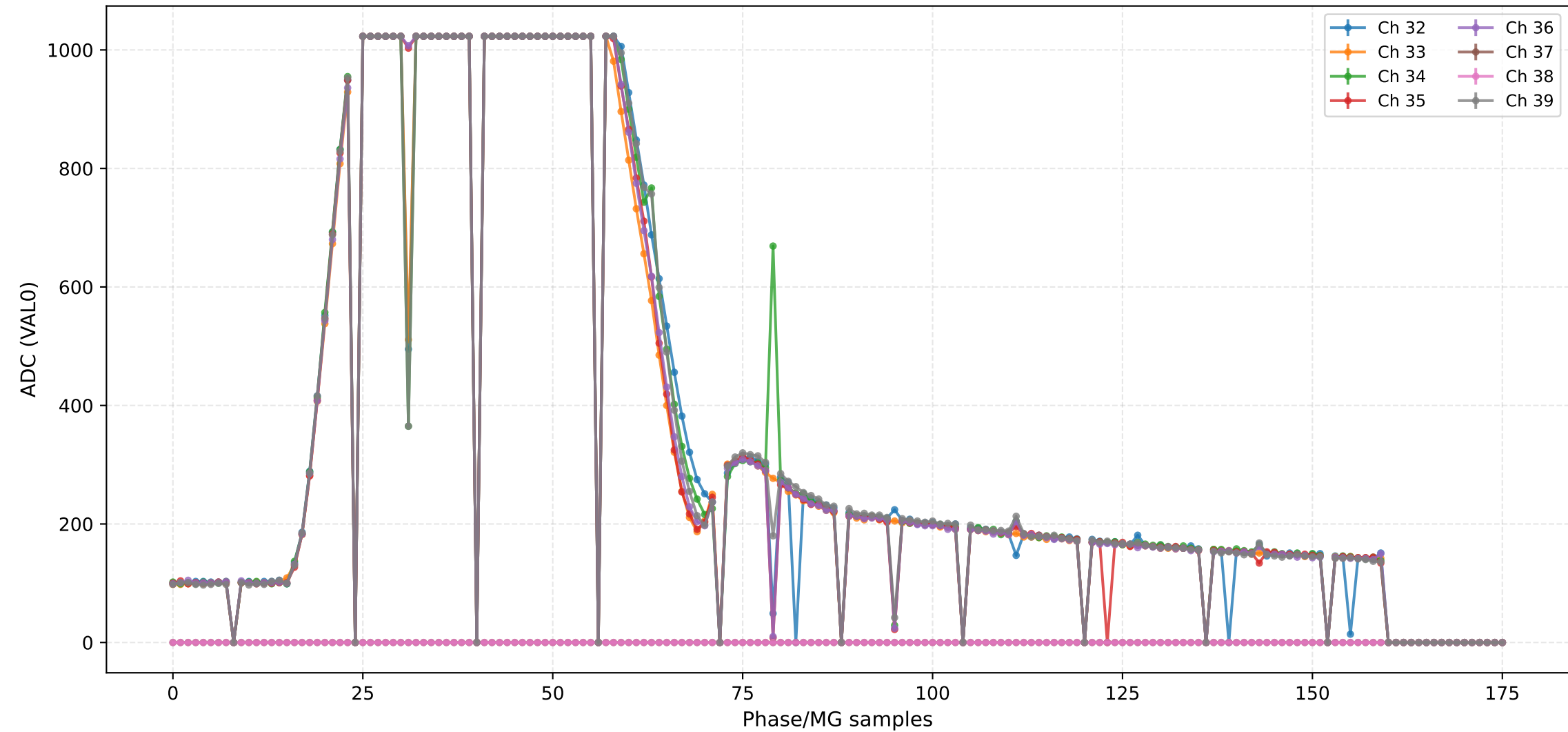
## ADC (VAL0) - Channels 16 to 23



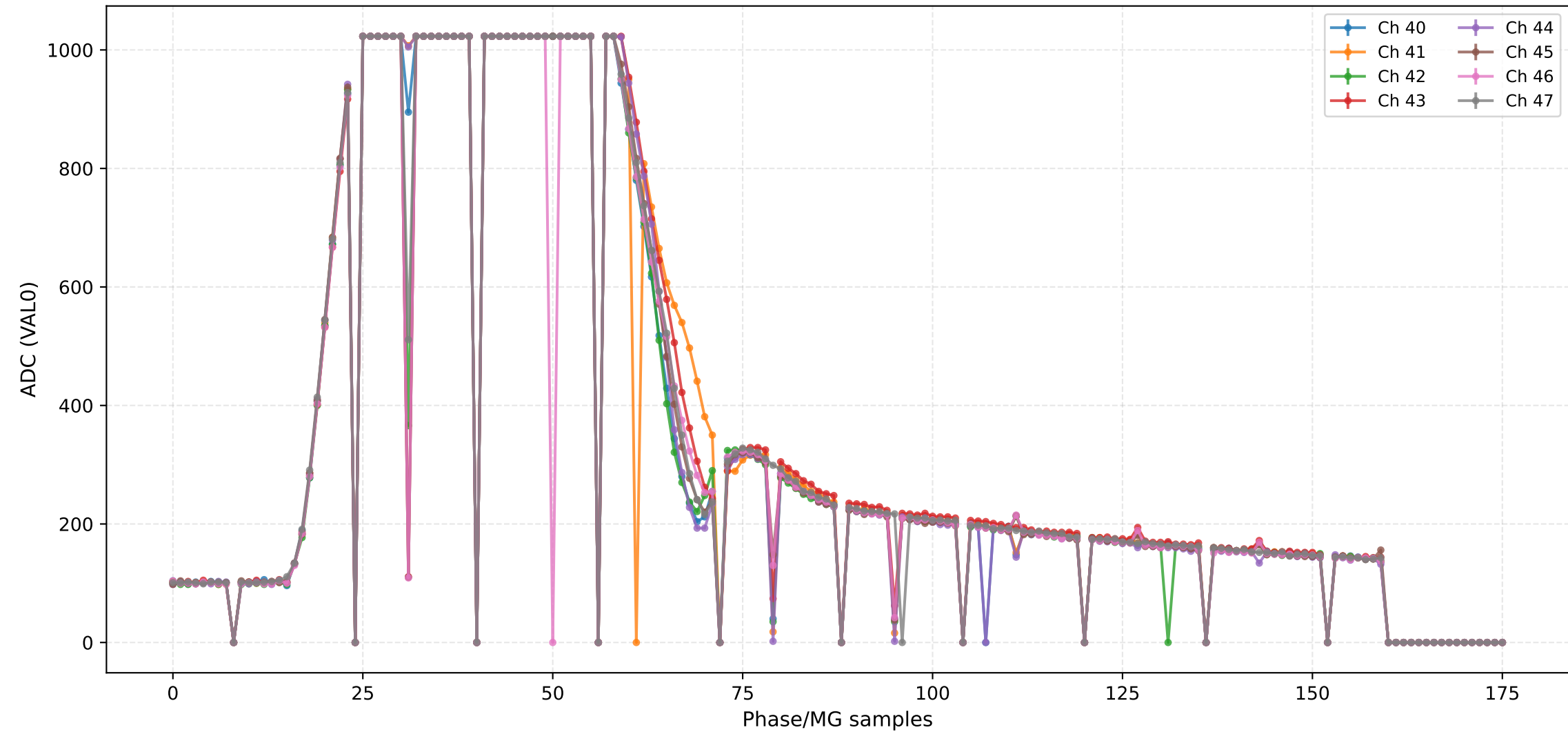
### ADC (VAL0) - Channels 24 to 31



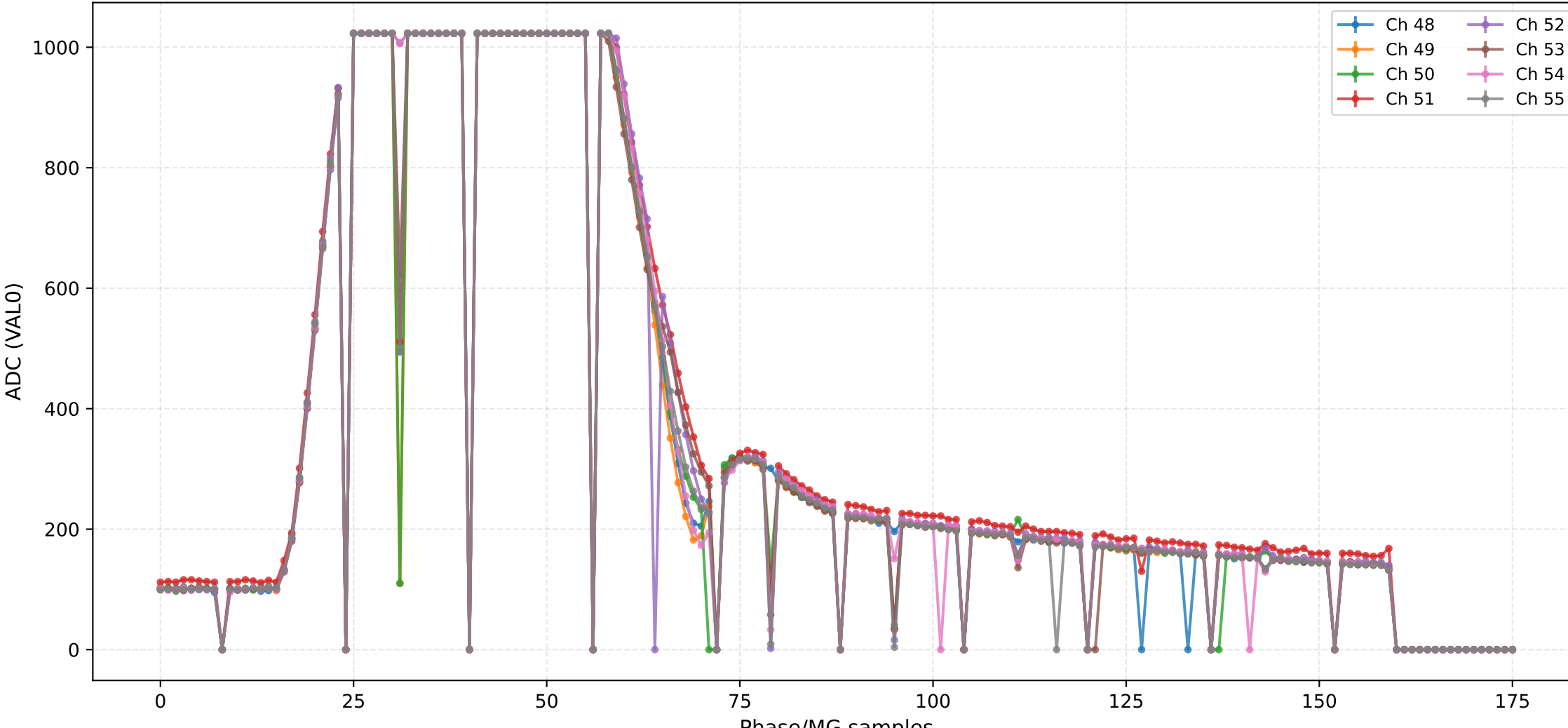
### ADC (VAL0) - Channels 32 to 39



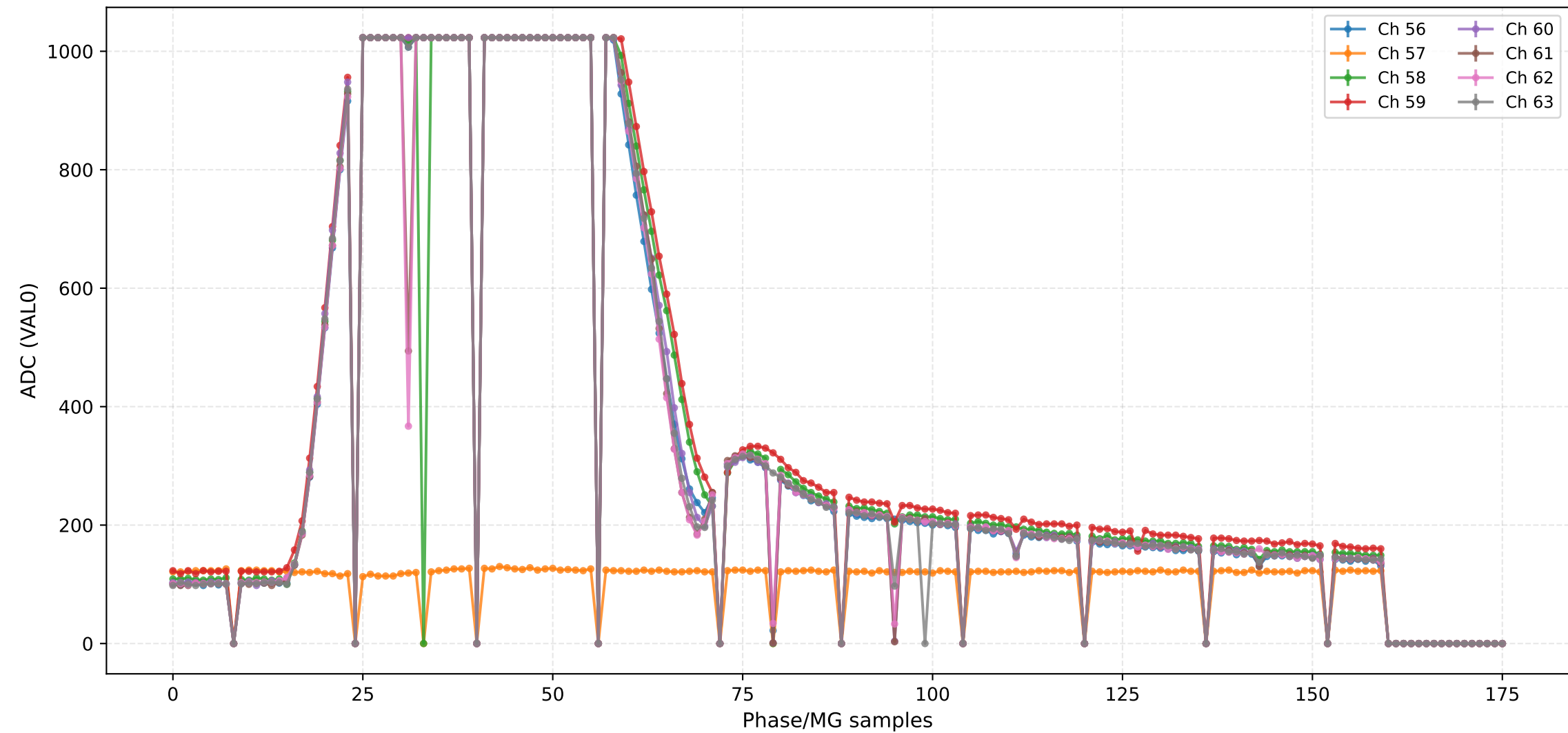
### ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55

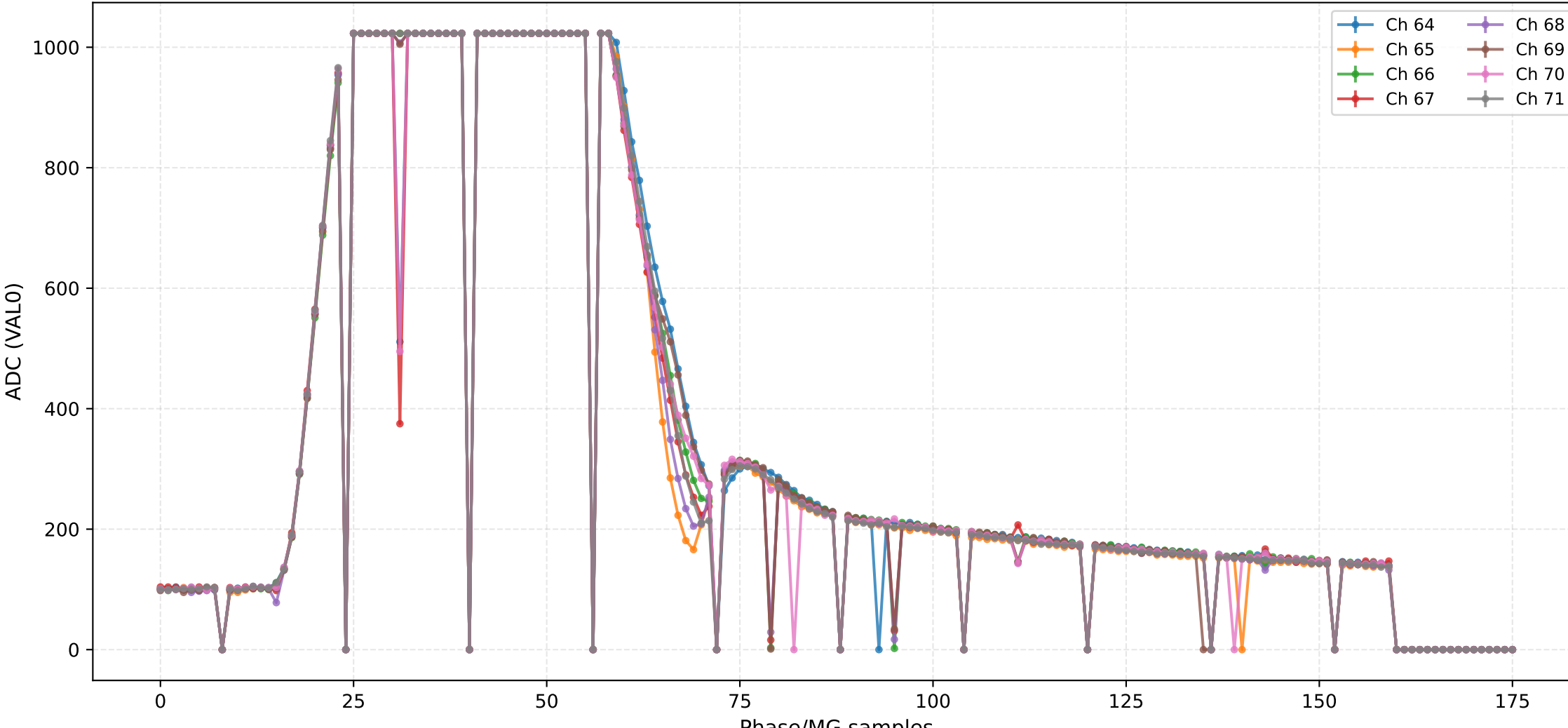


## ADC (VAL0) - Channels 56 to 63

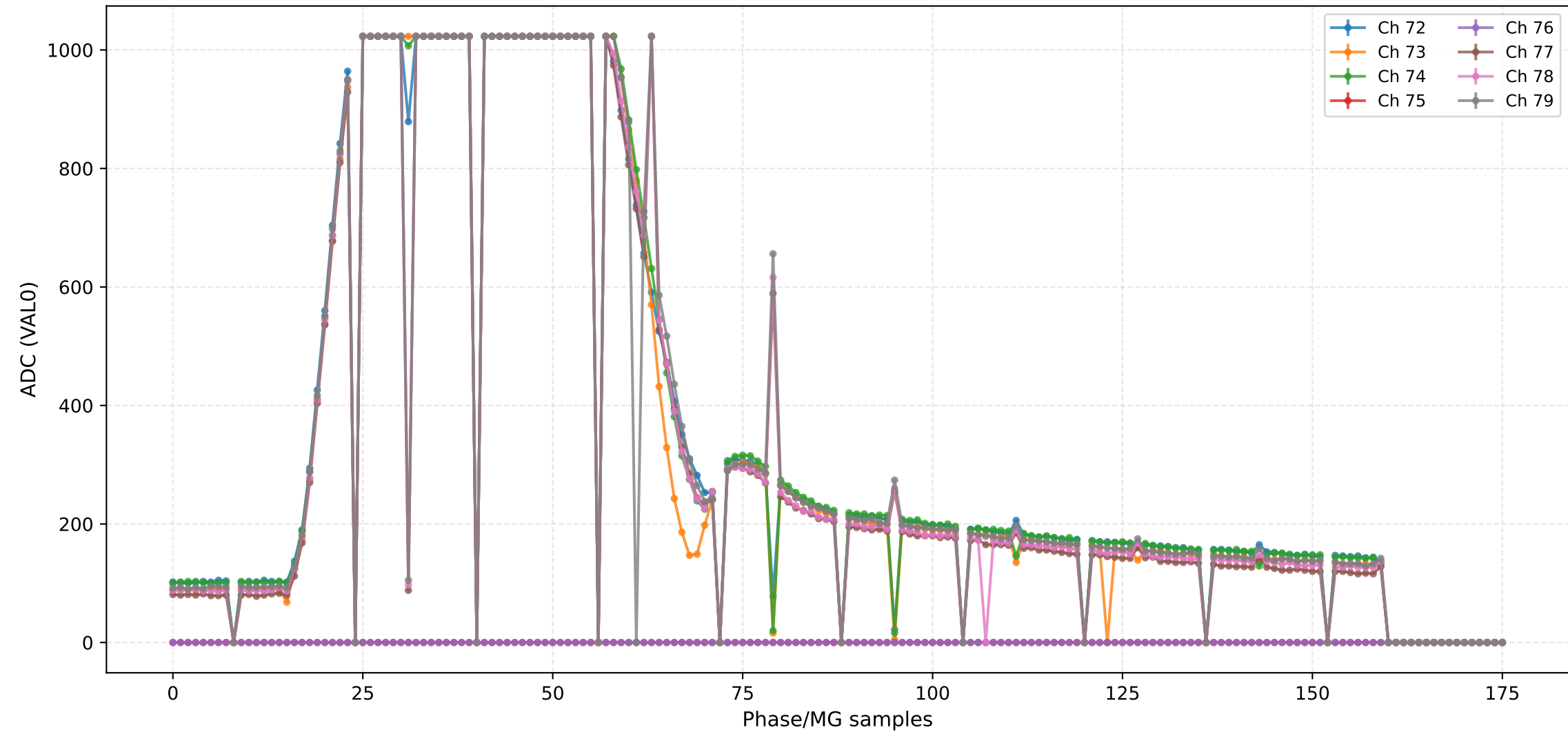




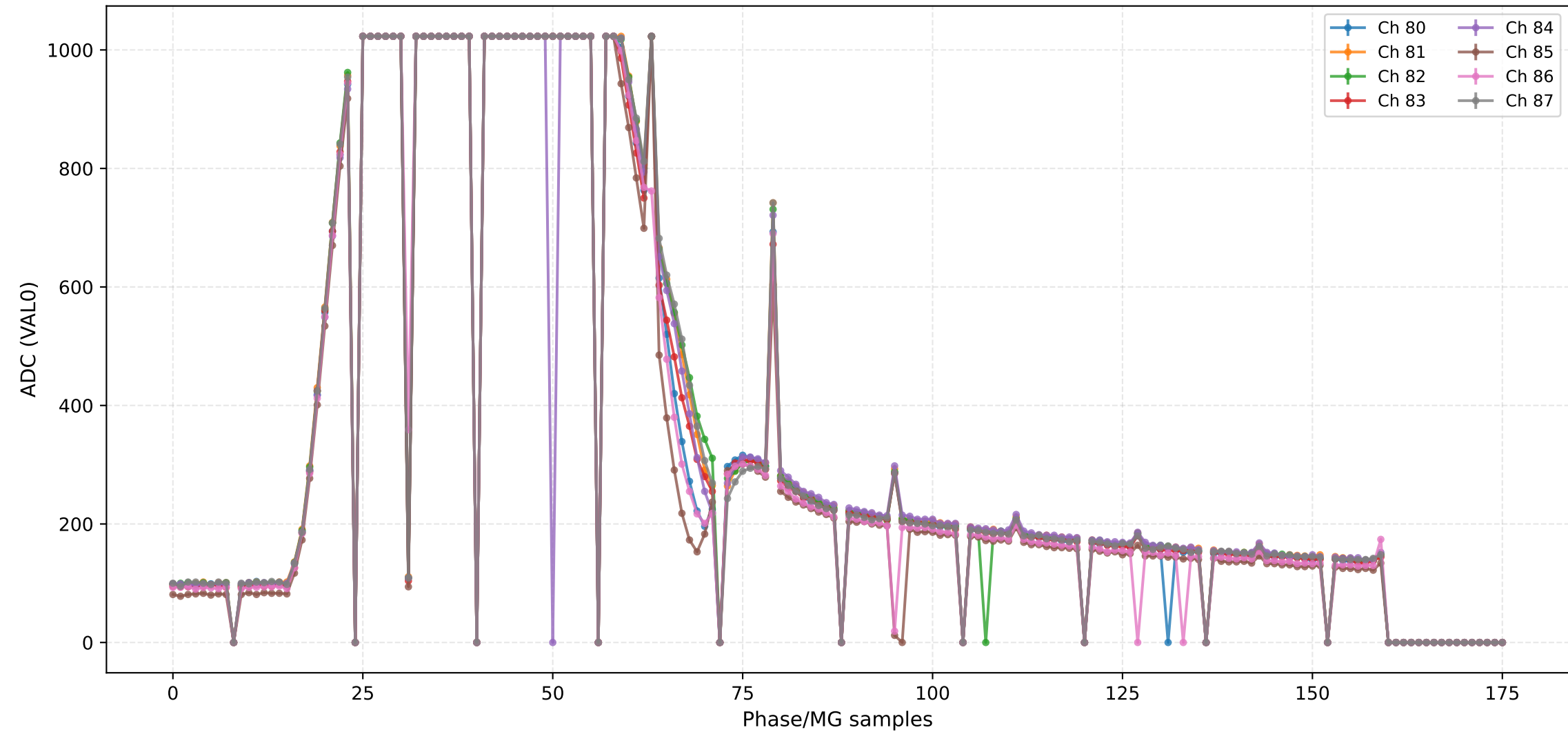
## ADC (VAL0) - Channels 64 to 71



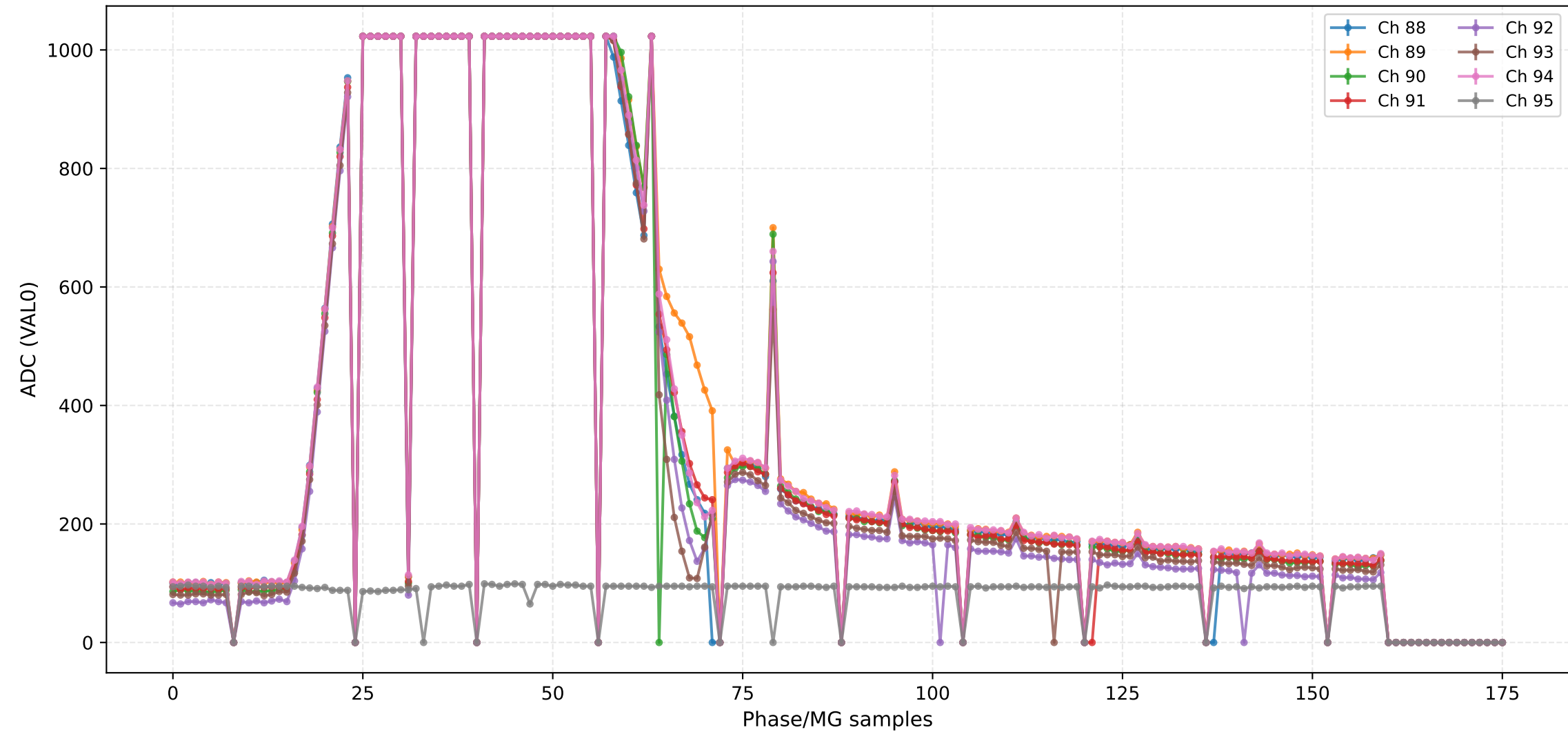
### ADC (VAL0) - Channels 72 to 79



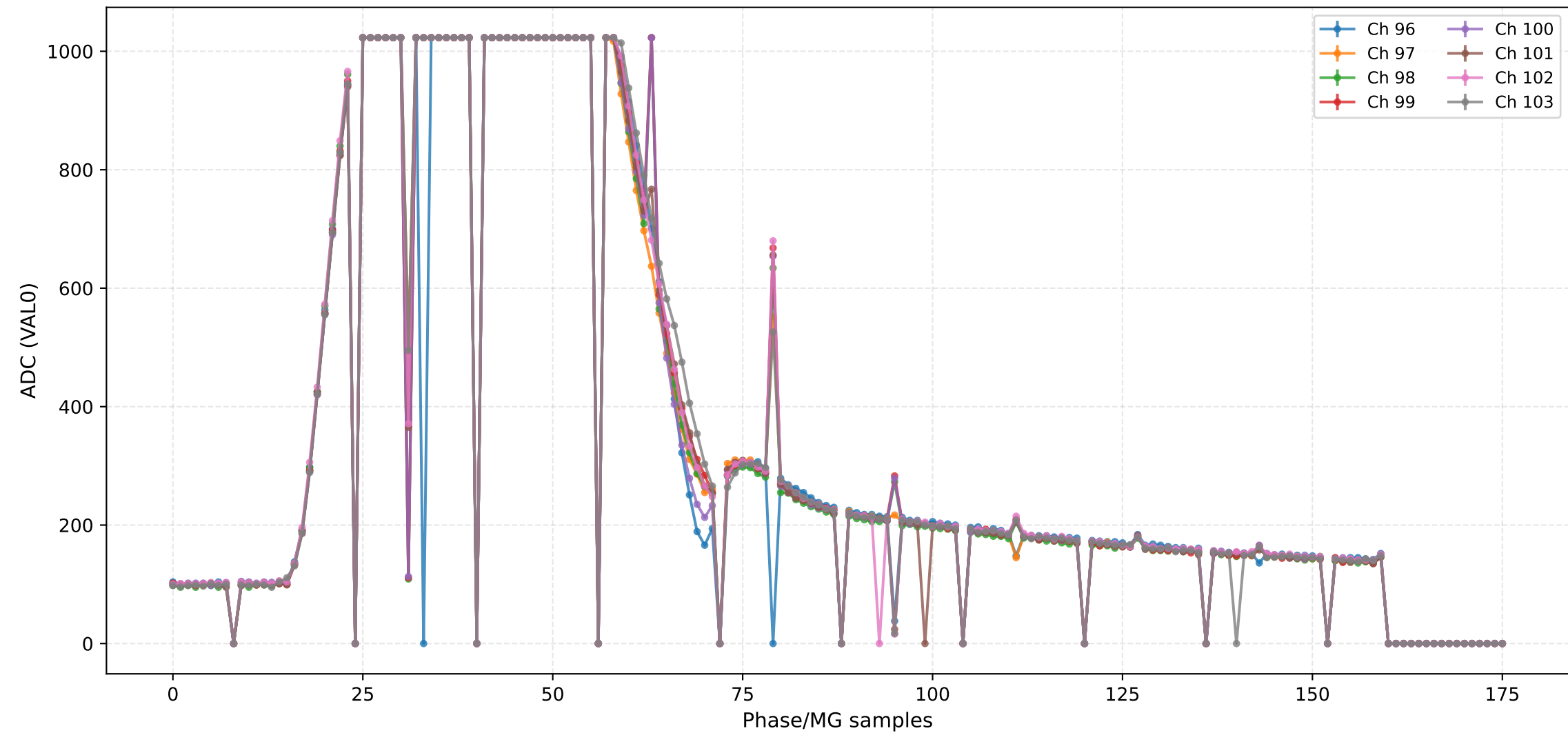
ADC (VAL0) - Channels 80 to 87



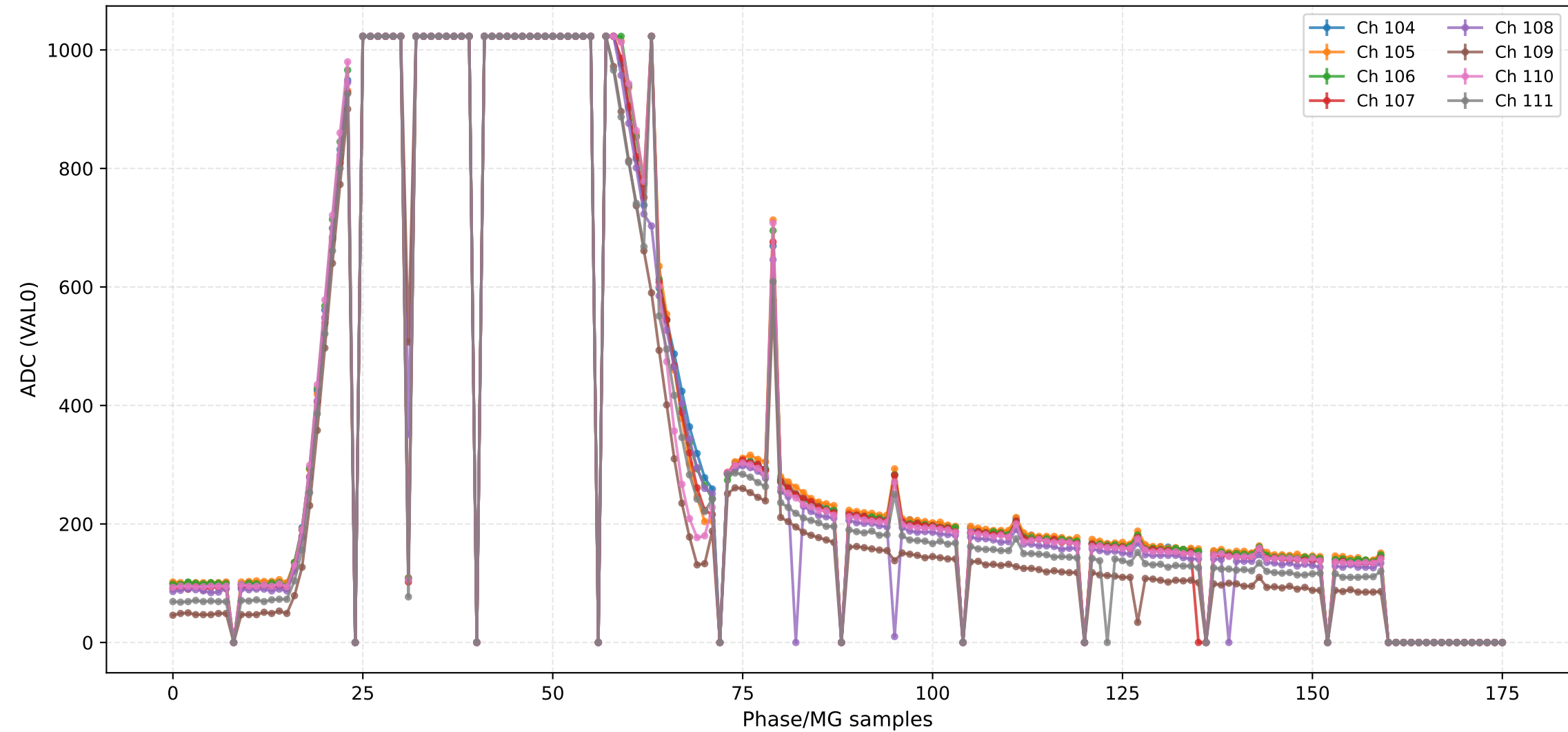
### ADC (VAL0) - Channels 88 to 95



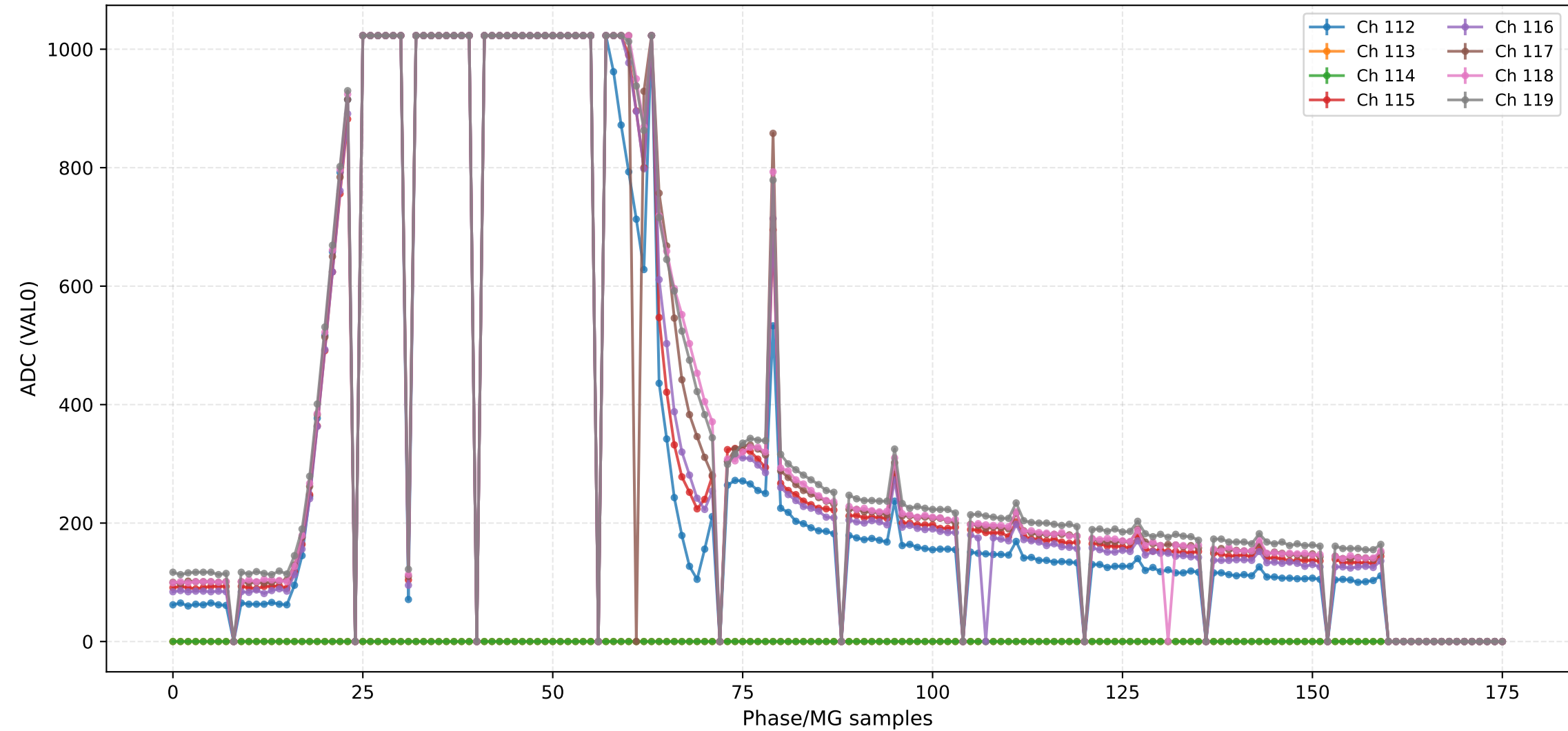
ADC (VAL0) - Channels 96 to 103



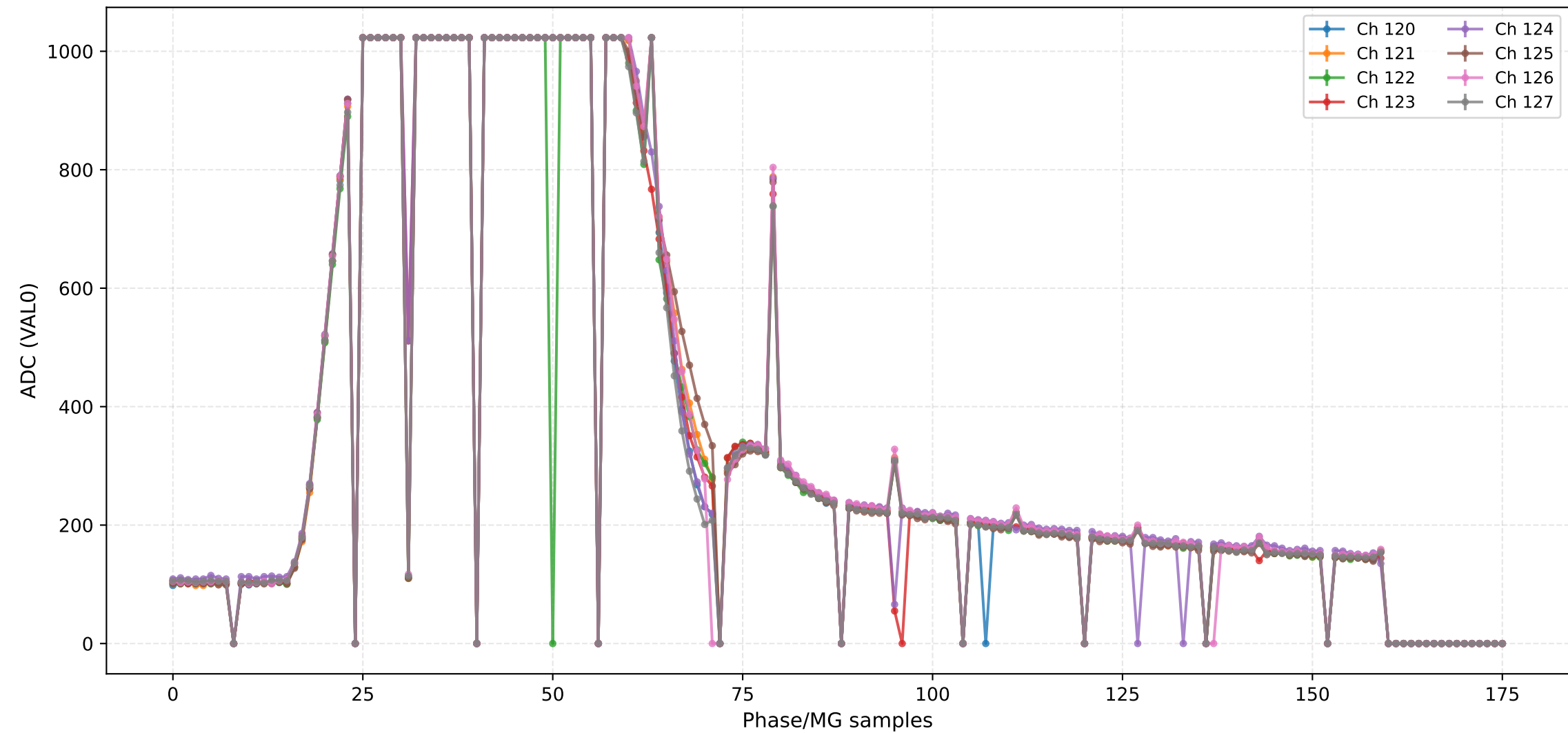
## ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119

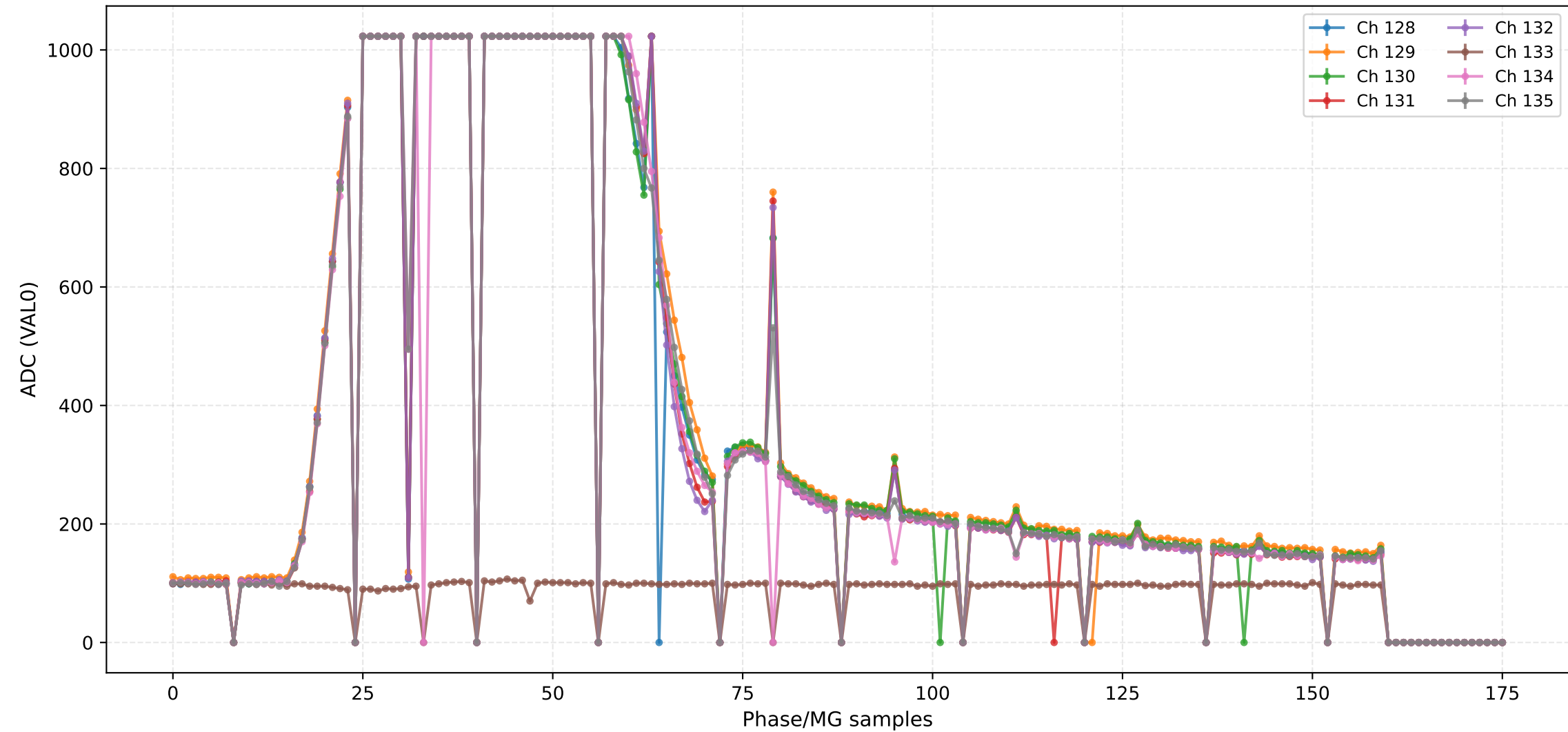


## ADC (VAL0) - Channels 120 to 127

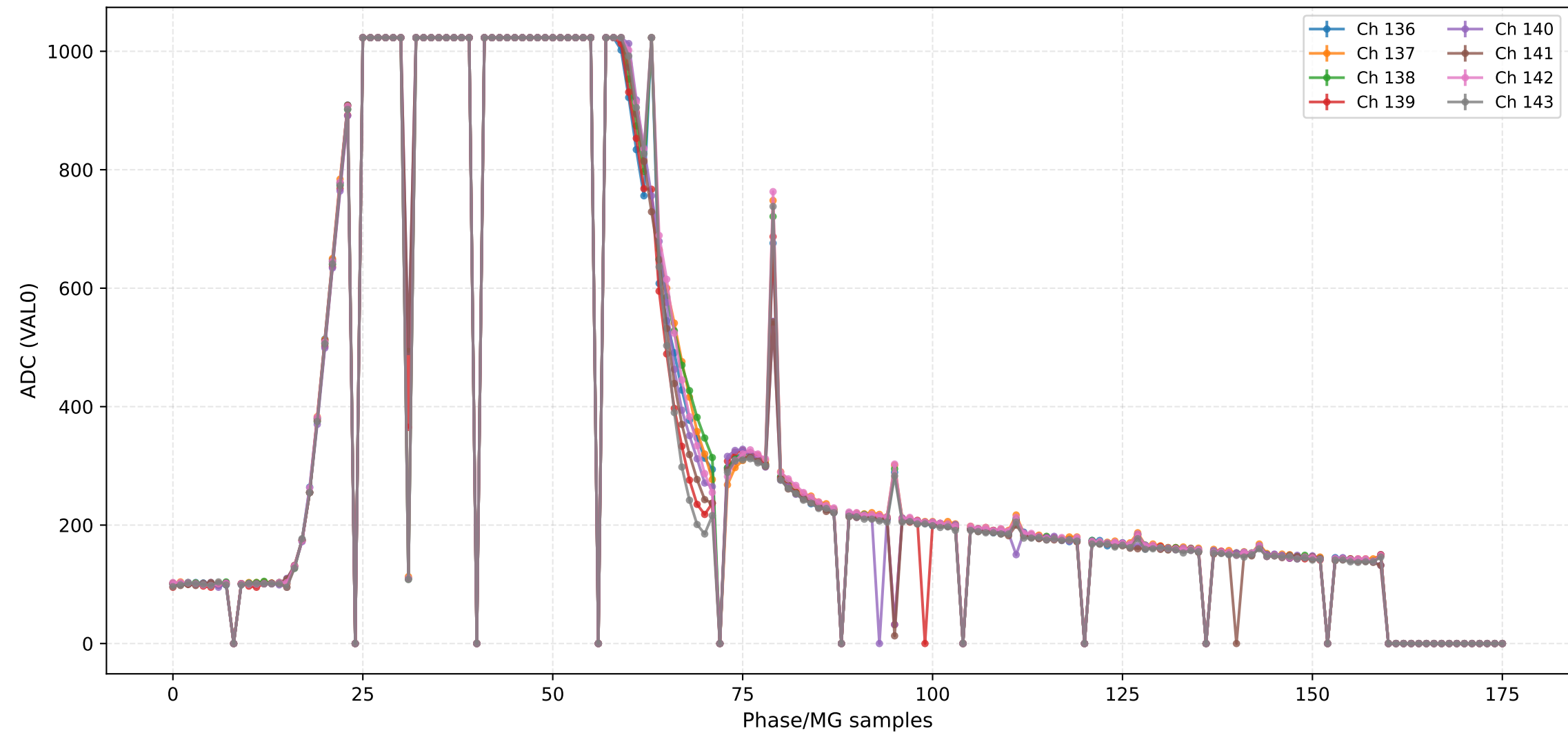




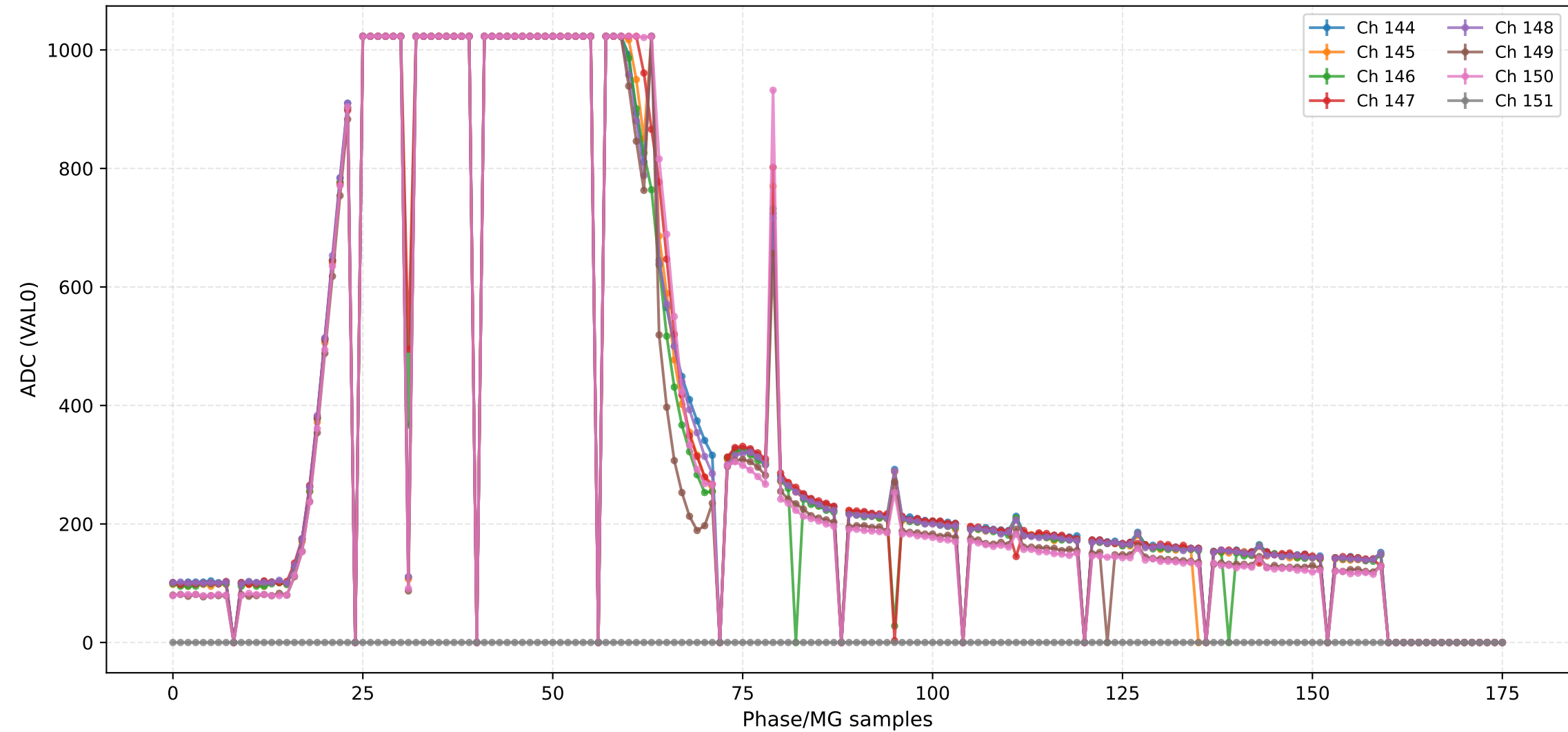
### ADC (VAL0) - Channels 128 to 135



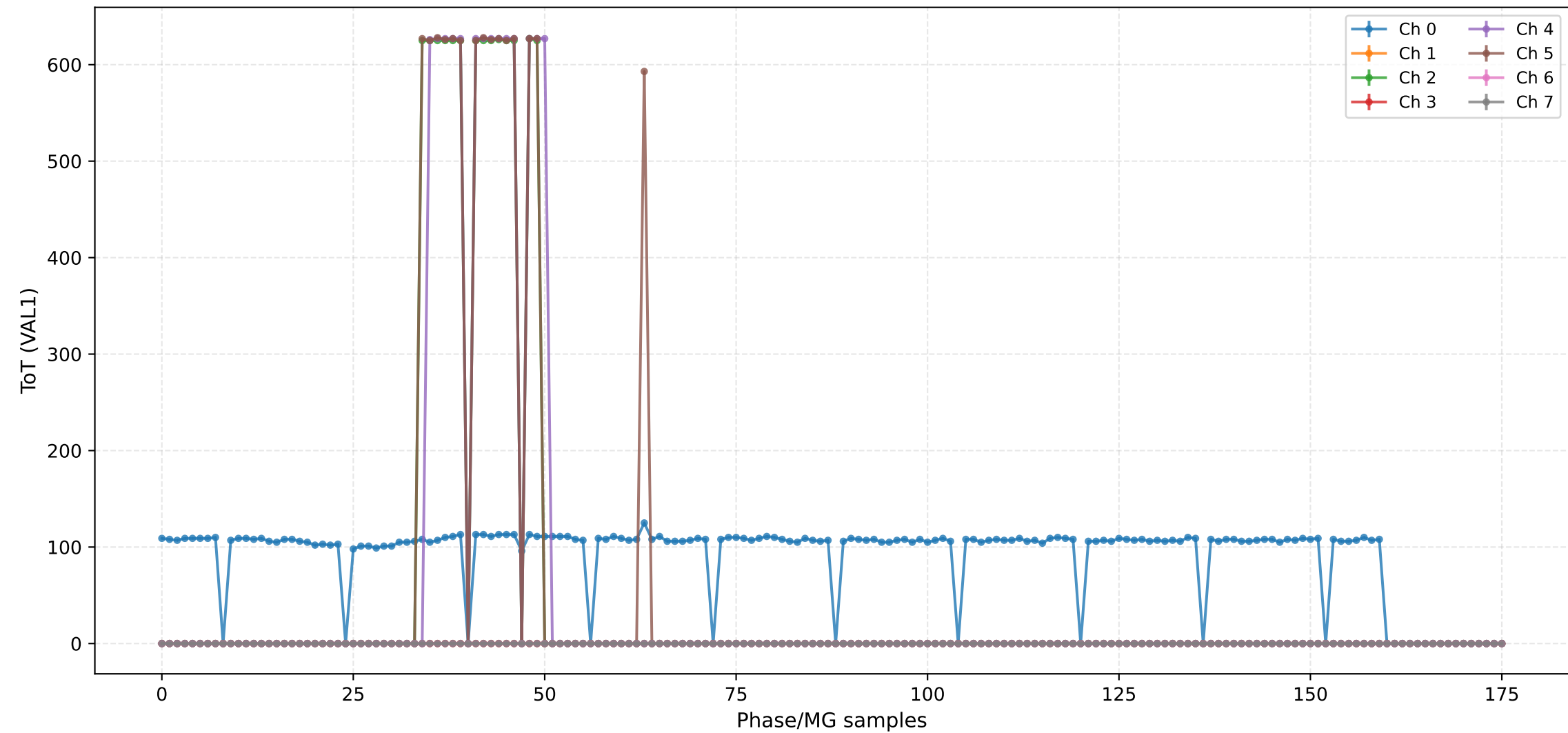
### ADC (VAL0) - Channels 136 to 143



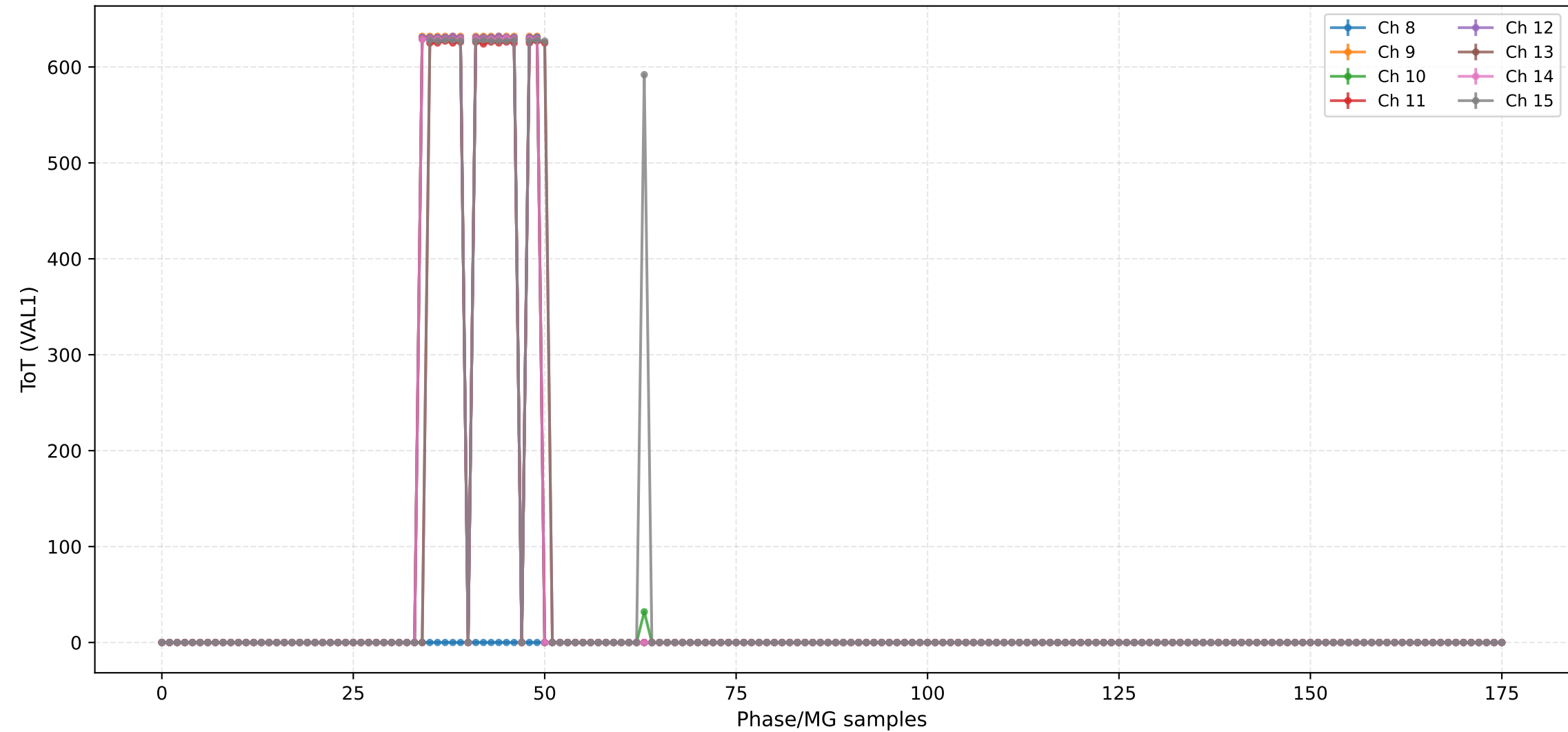
### ADC (VAL0) - Channels 144 to 151



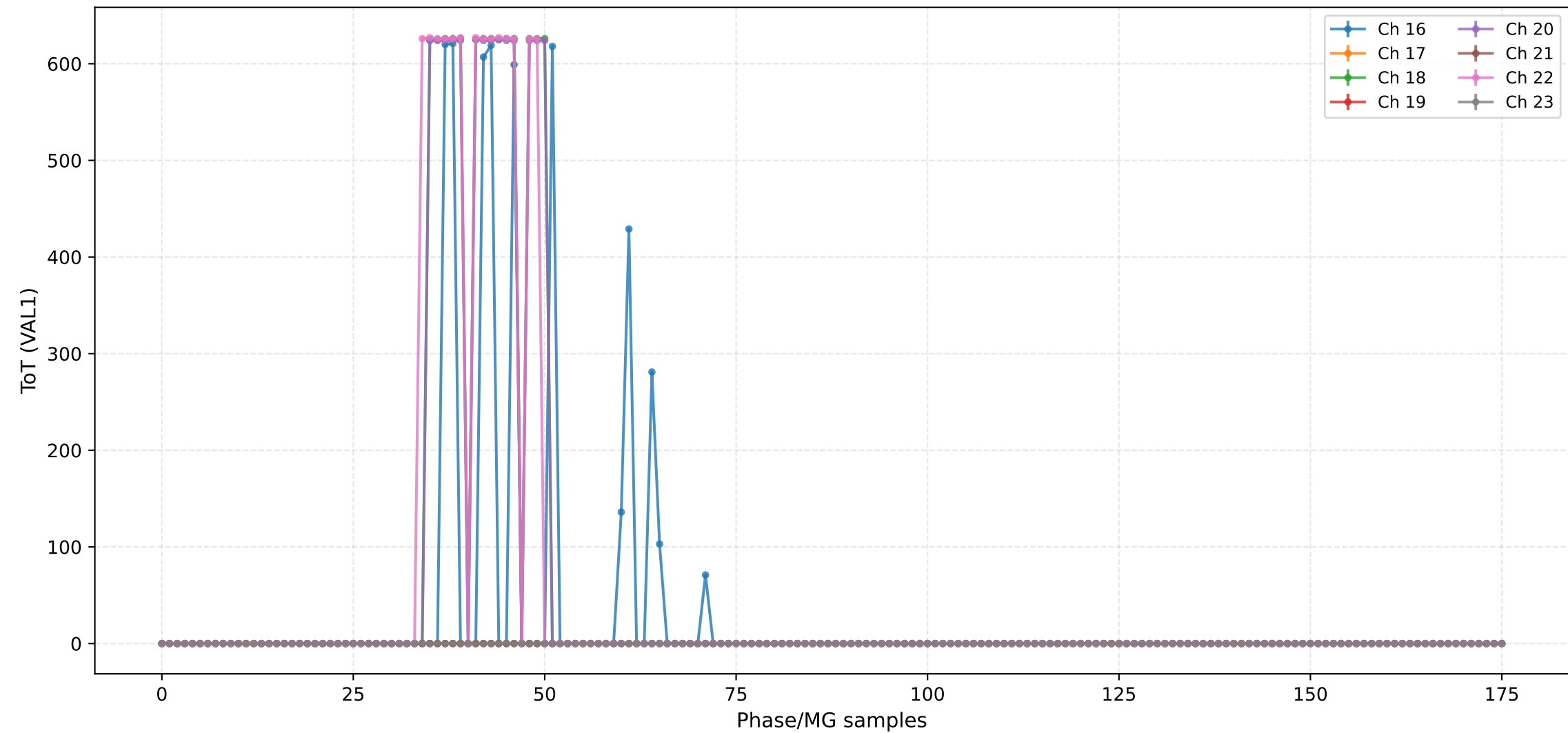
ToT (VAL1) - Channels 0 to 7



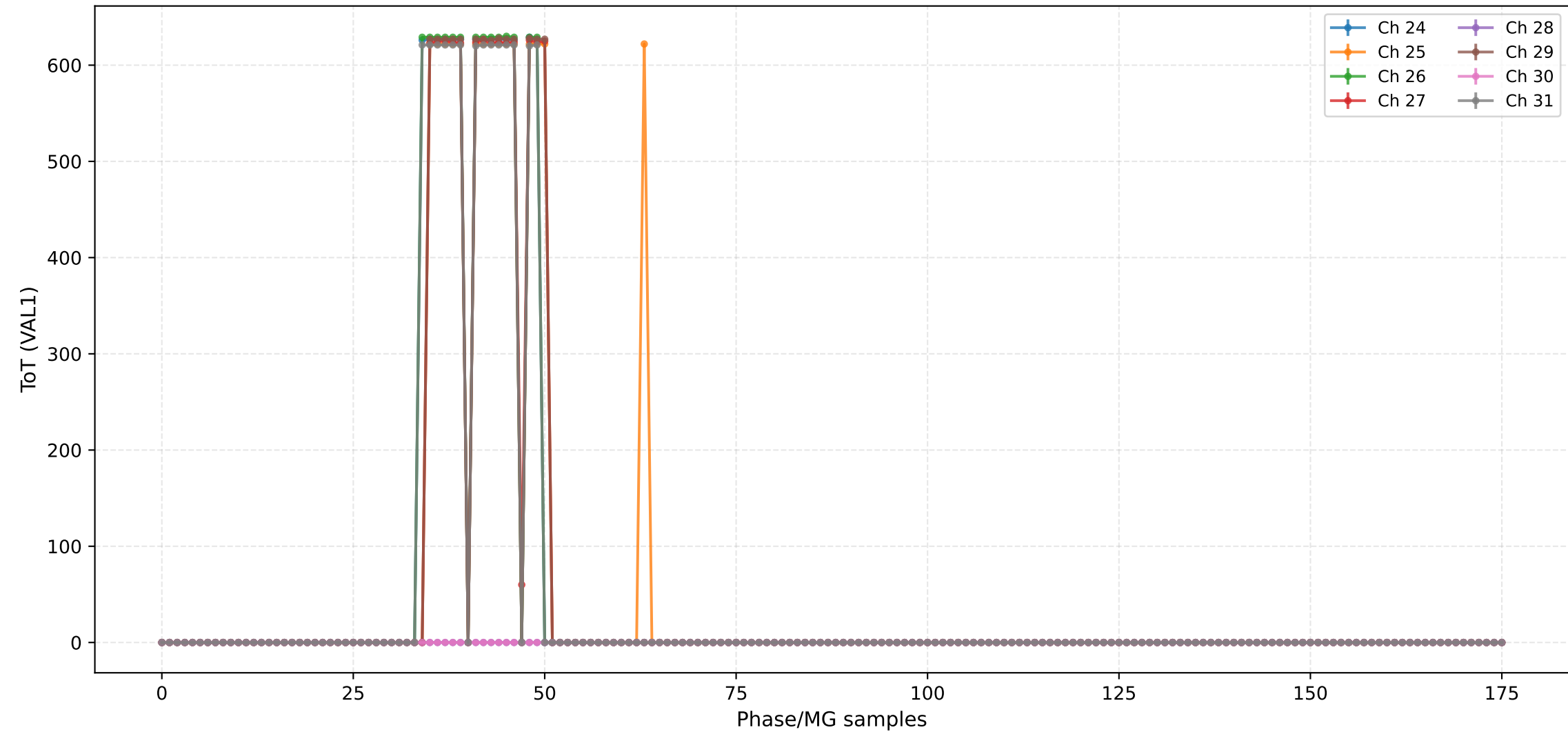
ToT (VAL1) - Channels 8 to 15



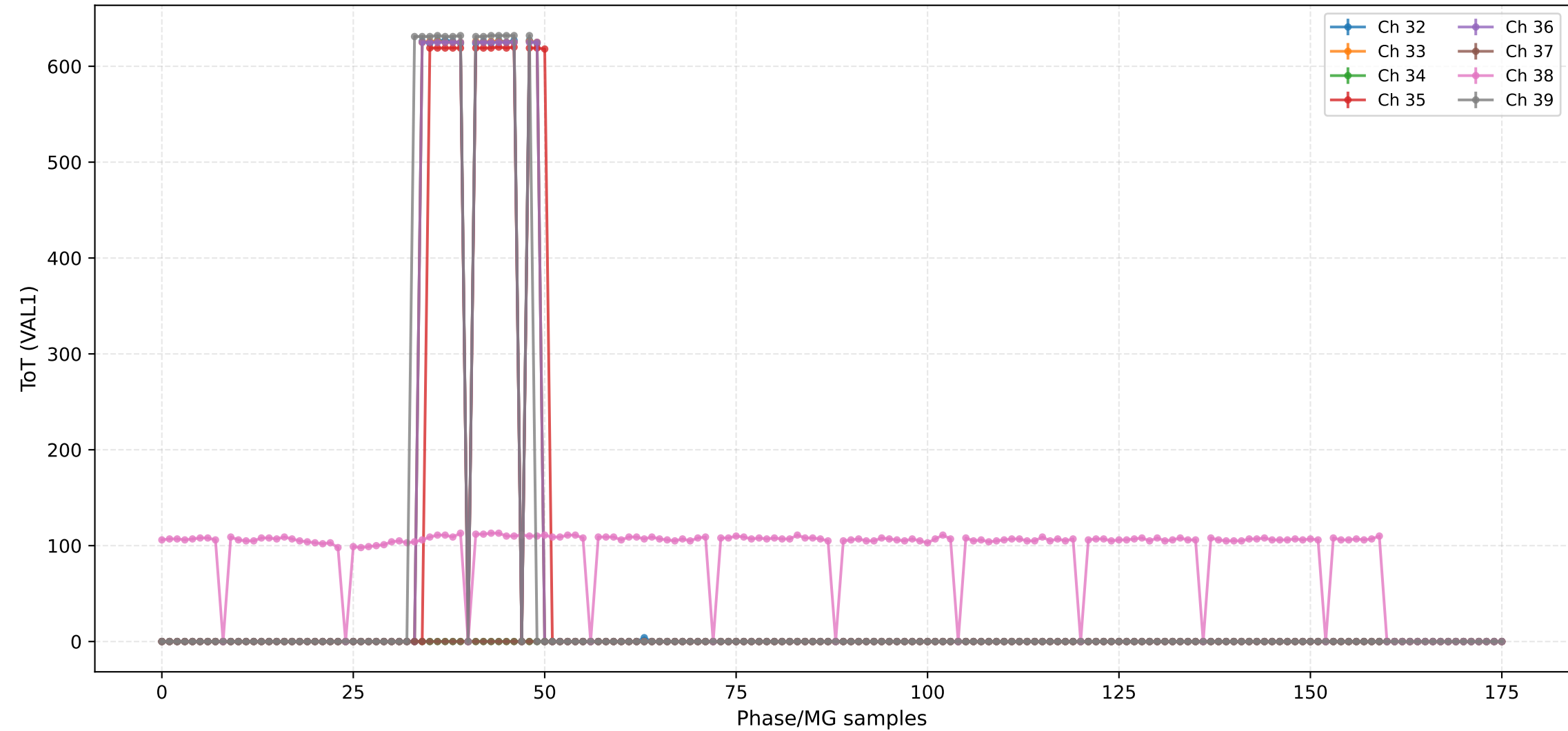
ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31

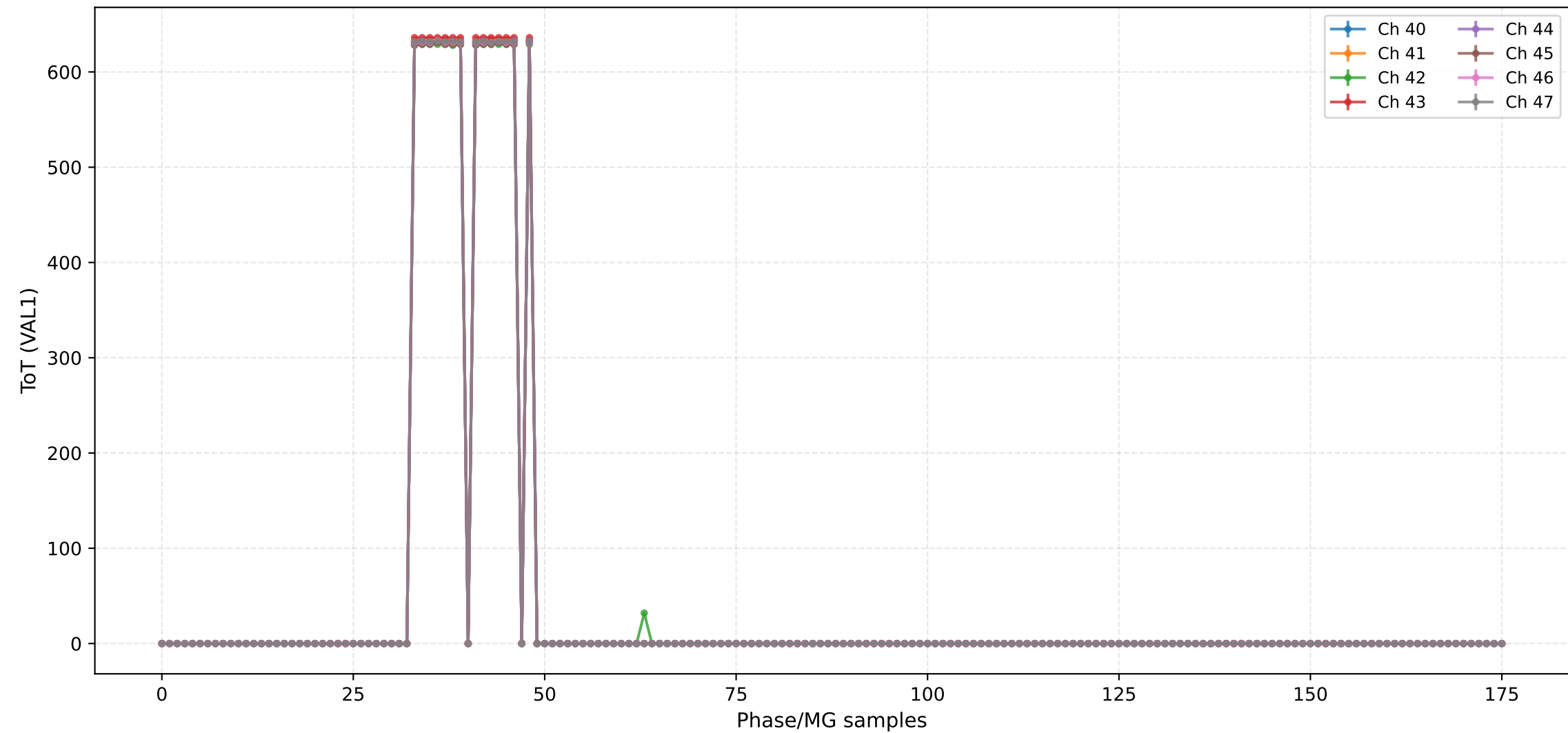


ToT (VAL1) - Channels 32 to 39

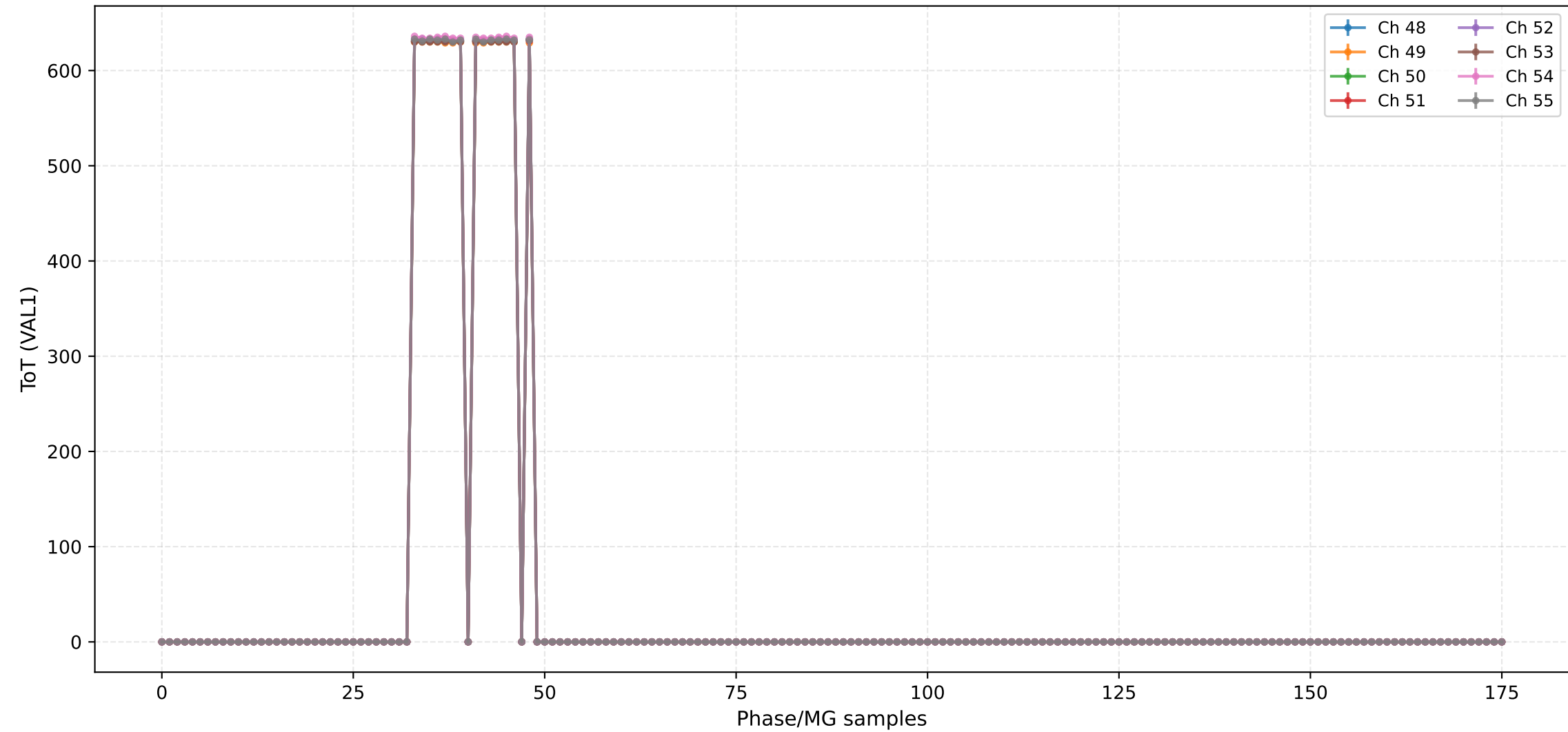




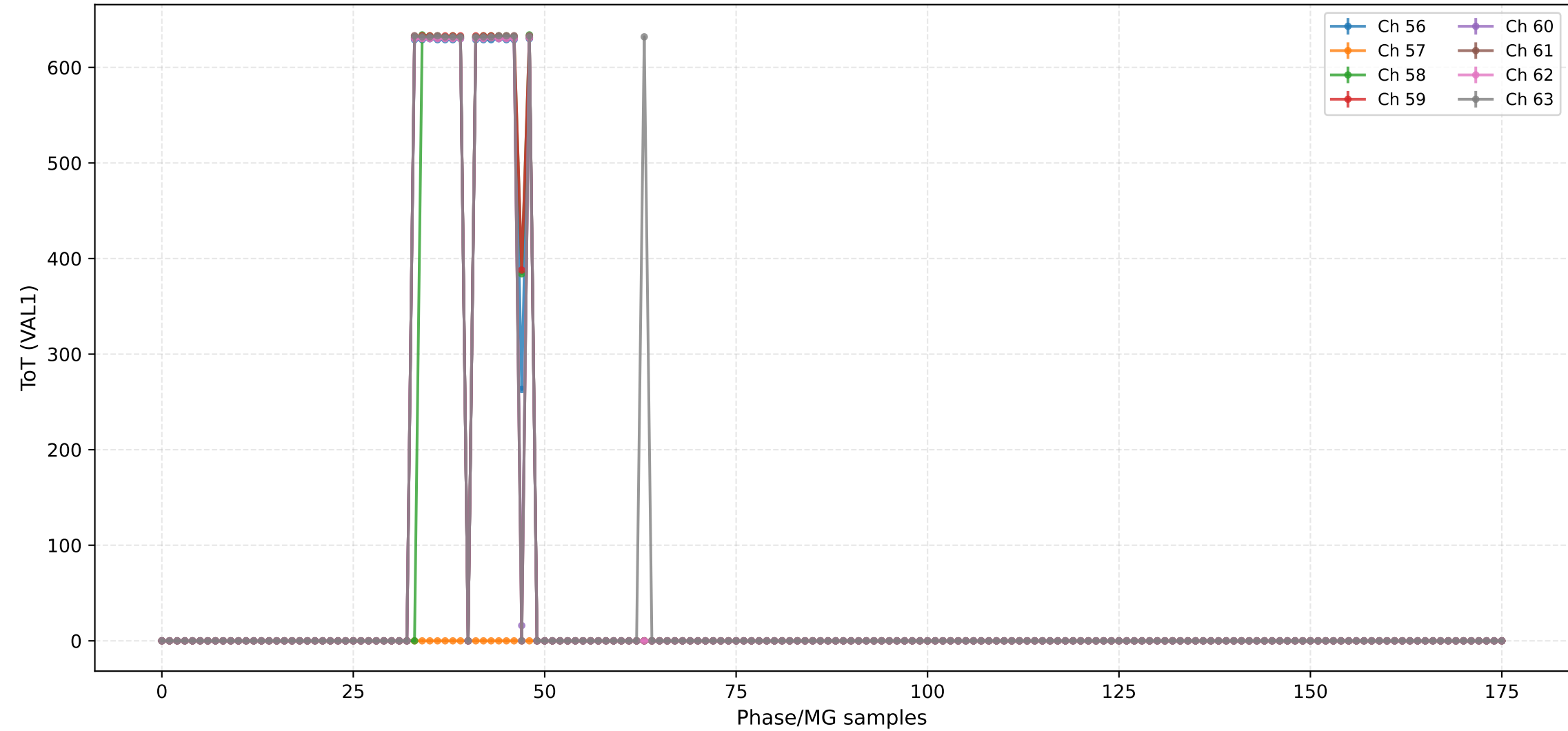
ToT (VAL1) - Channels 40 to 47



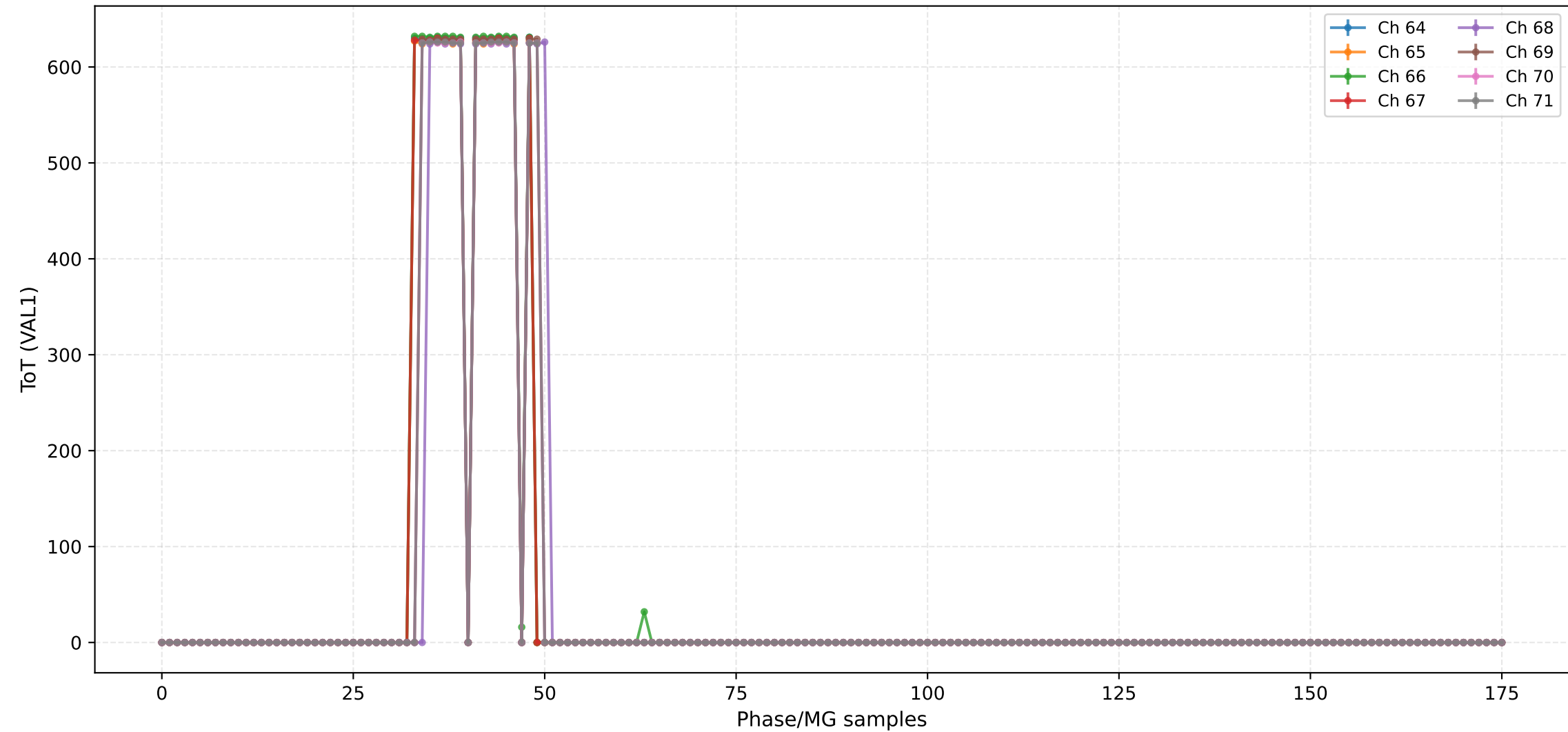
ToT (VAL1) - Channels 48 to 55



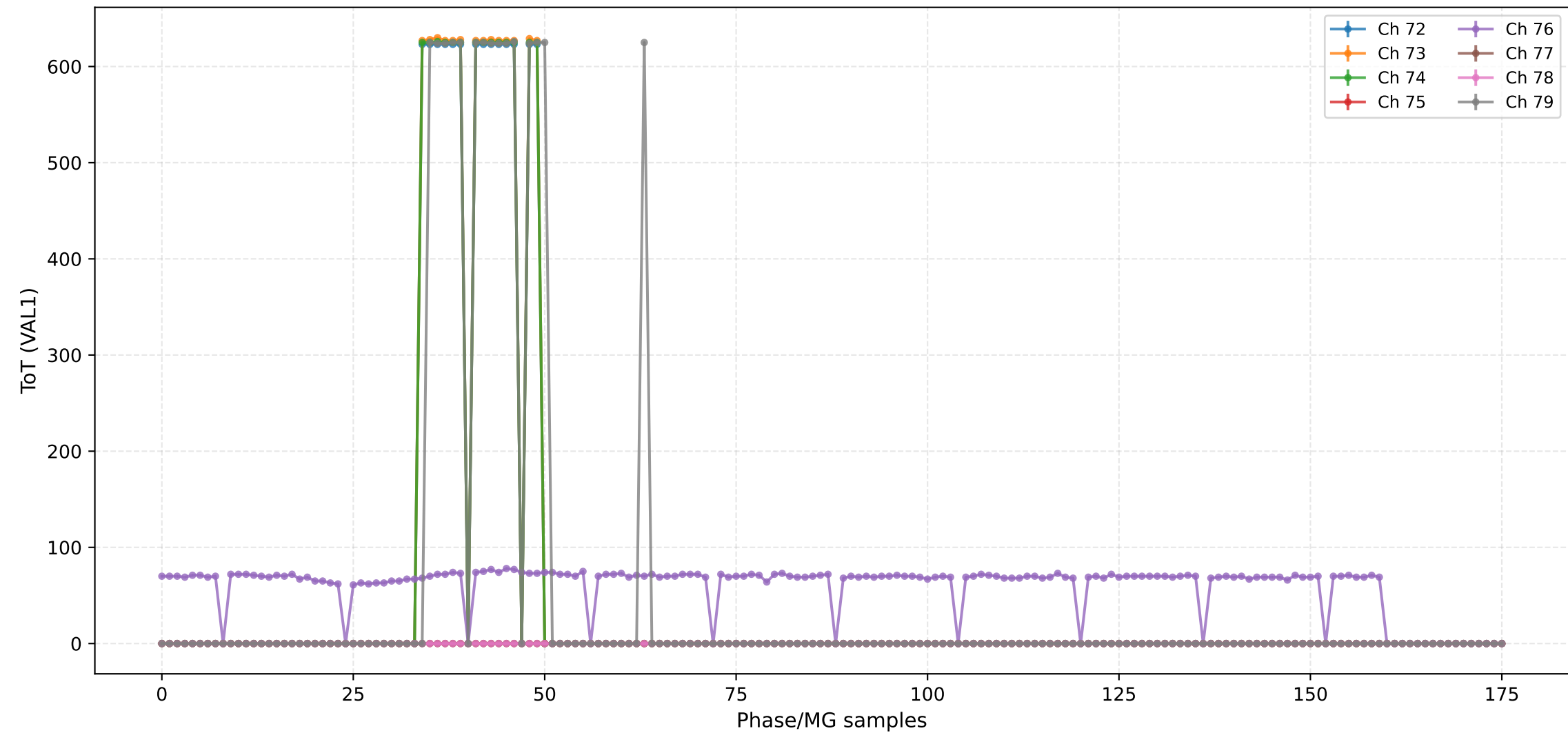
ToT (VAL1) - Channels 56 to 63



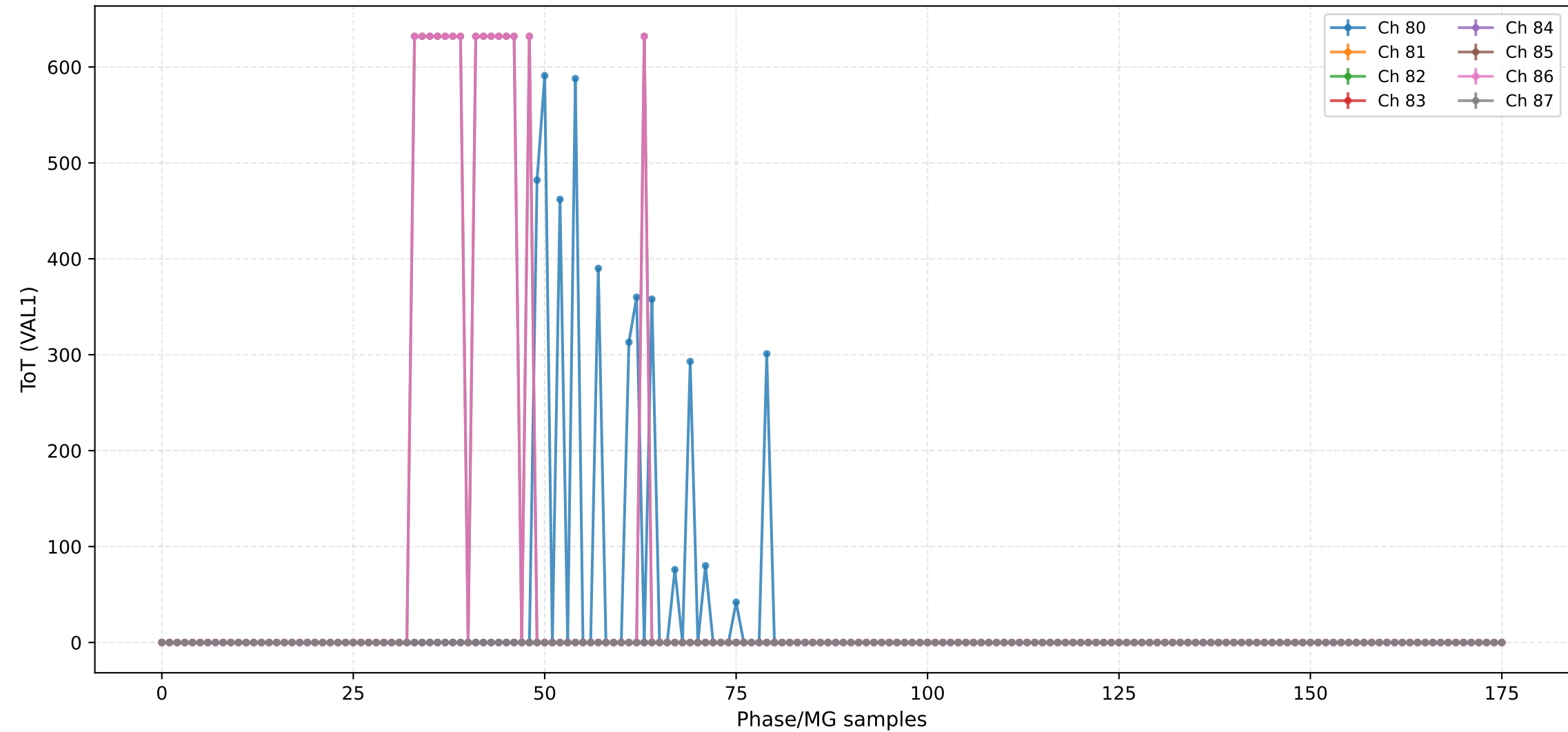
## ToT (VAL1) - Channels 64 to 71



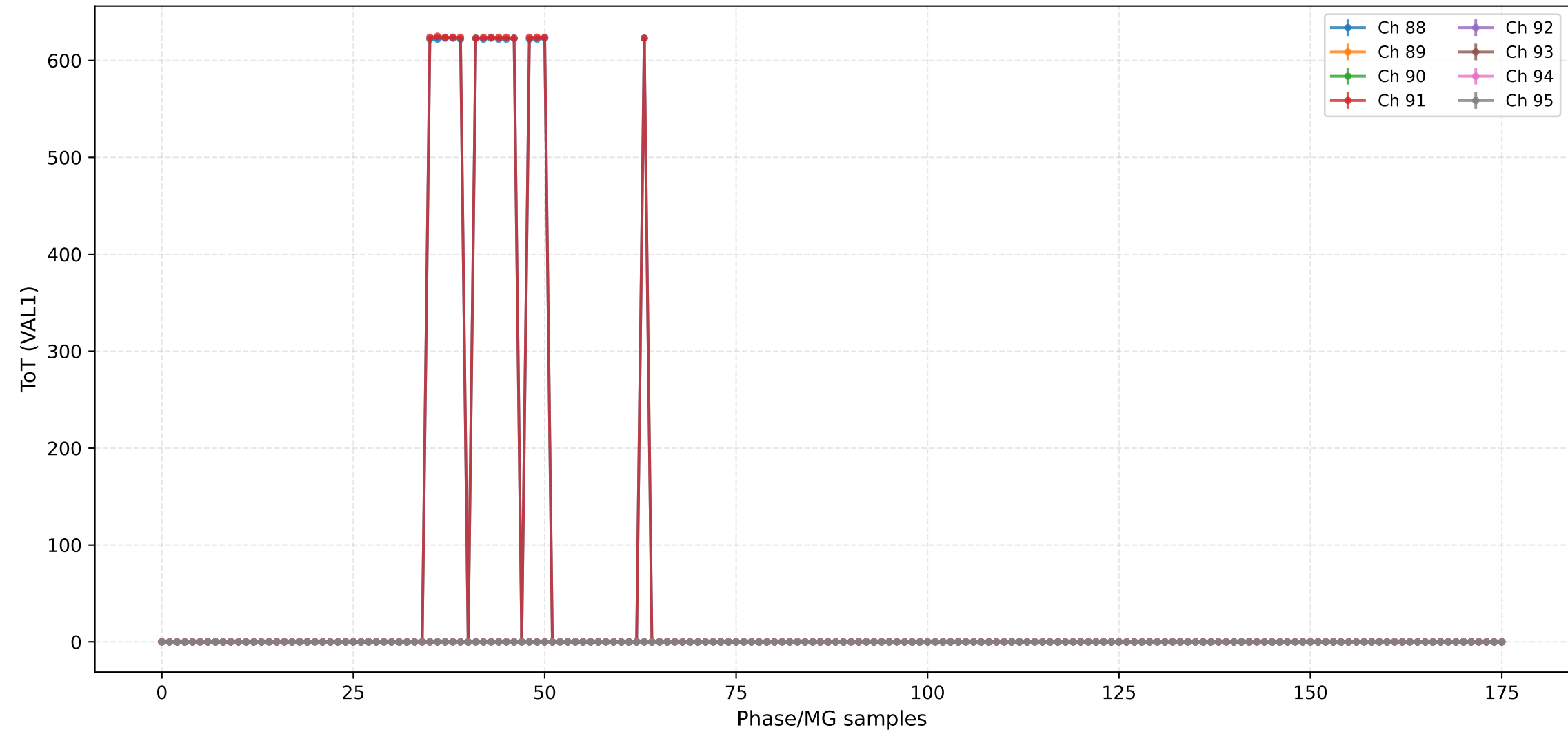
ToT (VAL1) - Channels 72 to 79



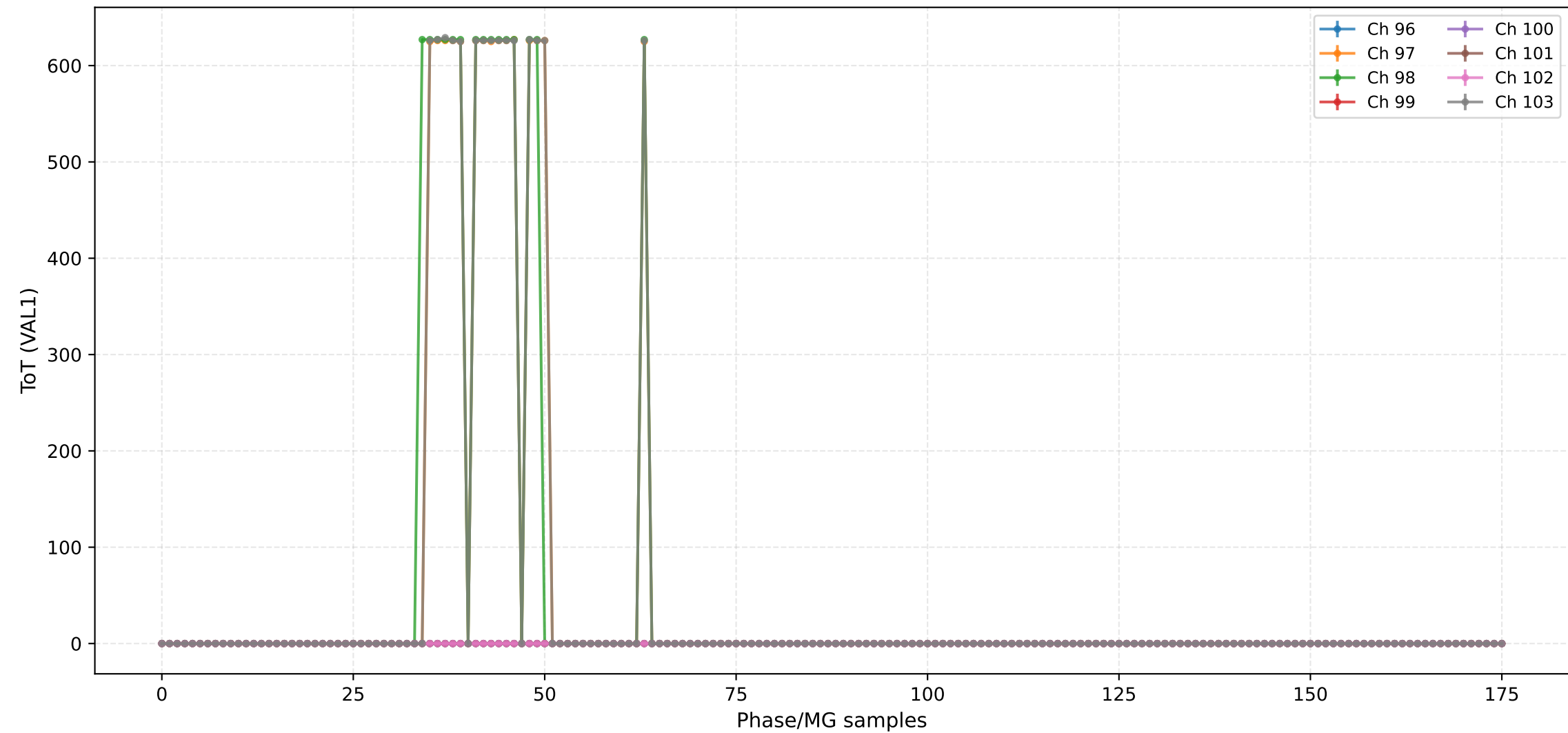
## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

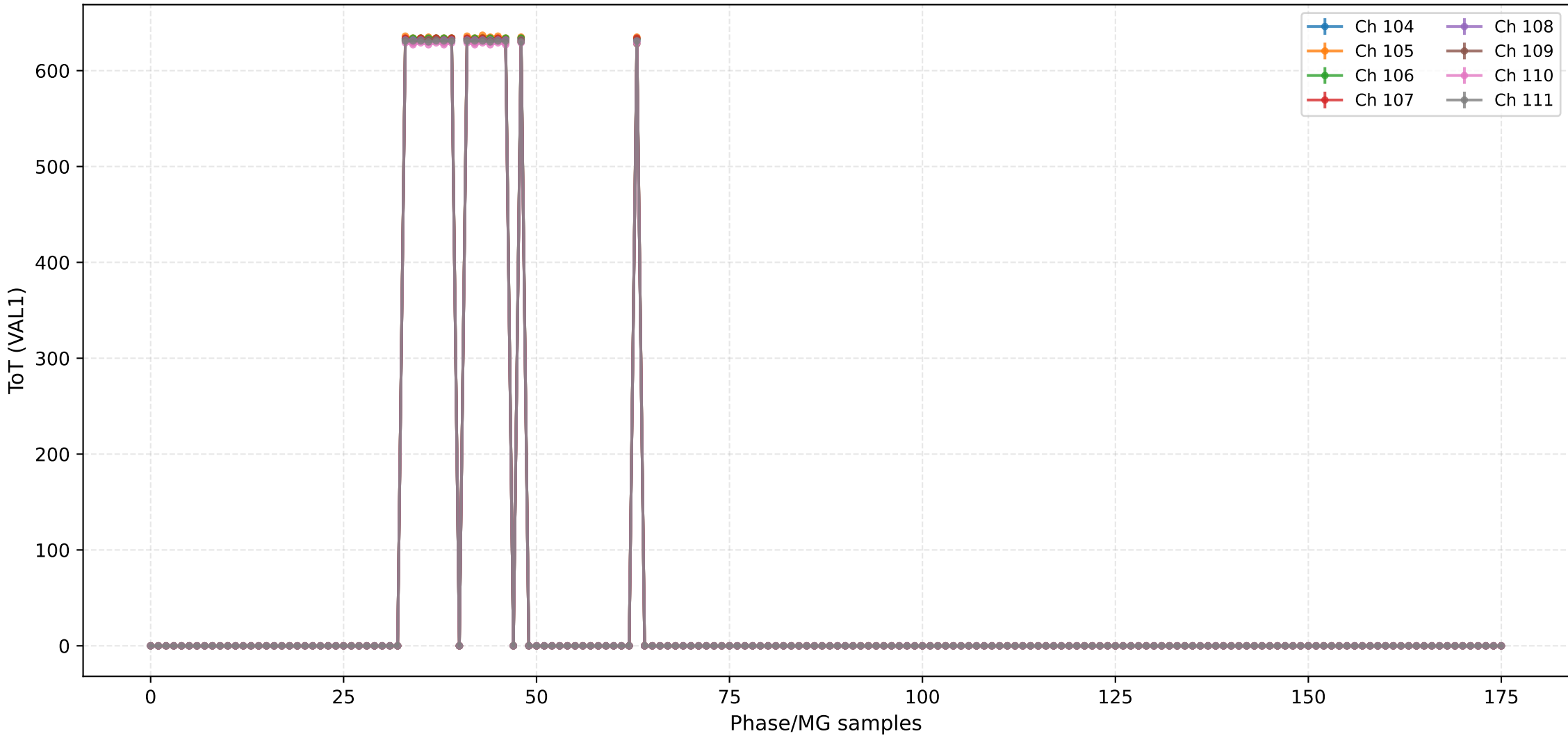


ToT (VAL1) - Channels 96 to 103

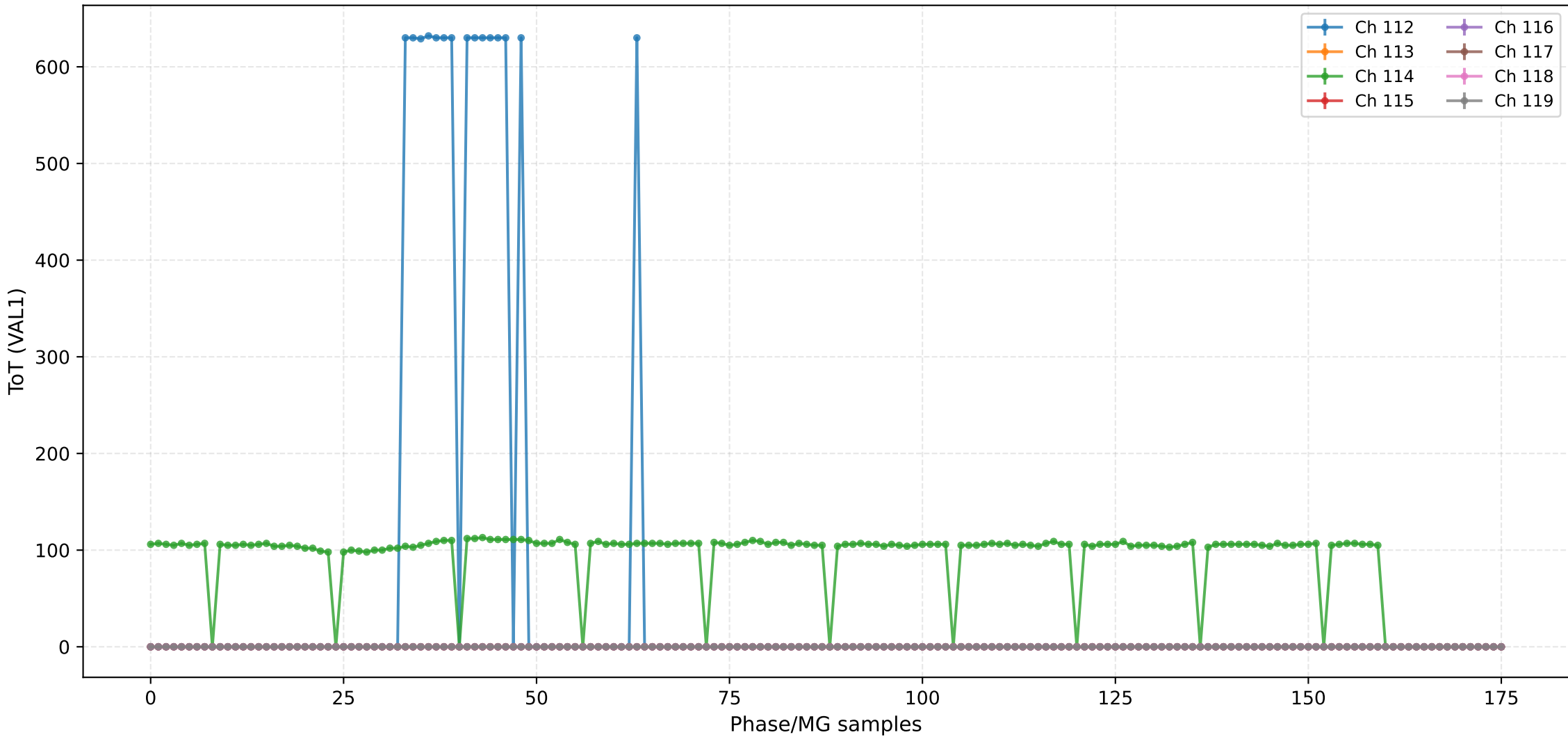




## ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



## ToT (VAL1) - Channels 120 to 127



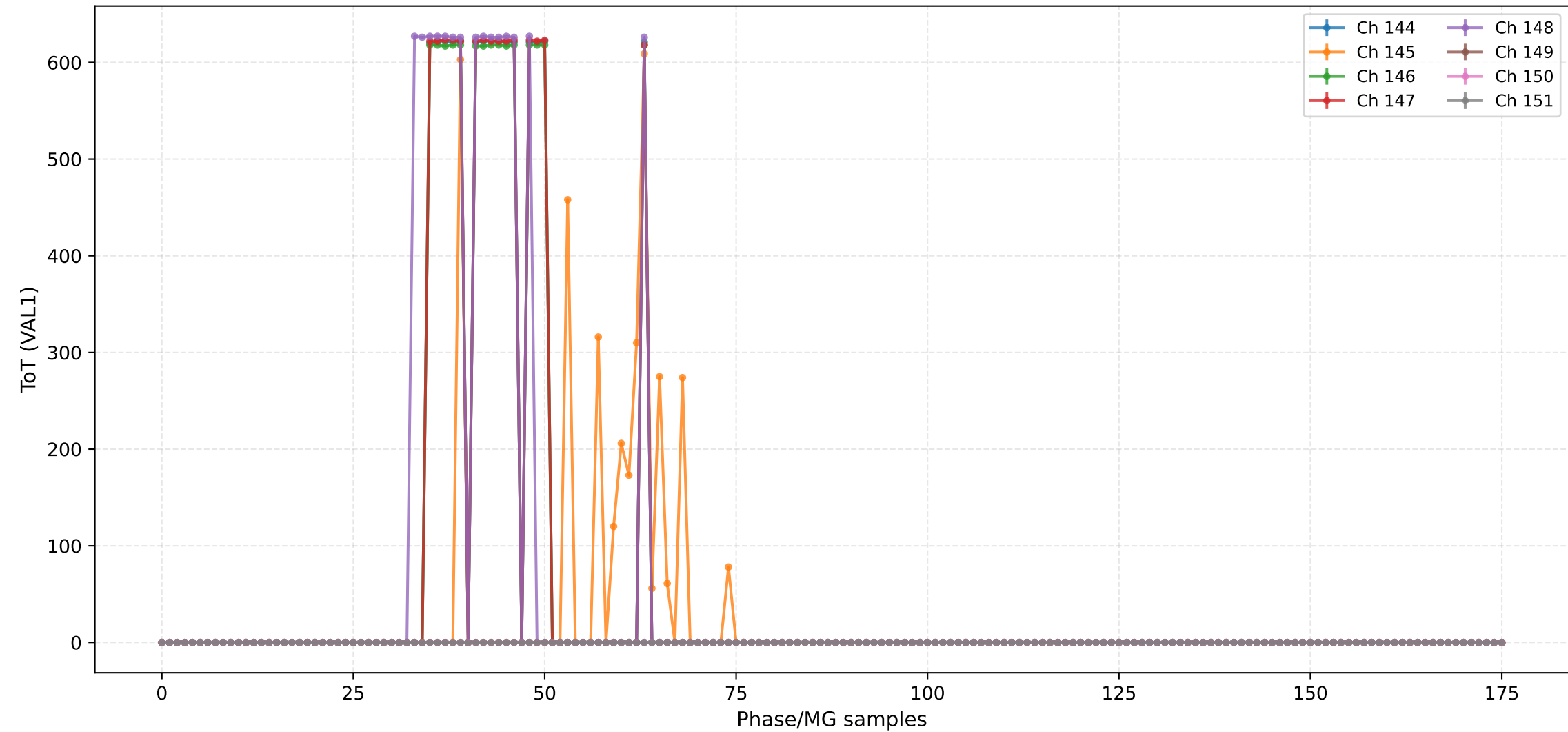
## ToT (VAL1) - Channels 128 to 135



## ToT (VAL1) - Channels 136 to 143



### ToT (VAL1) - Channels 144 to 151

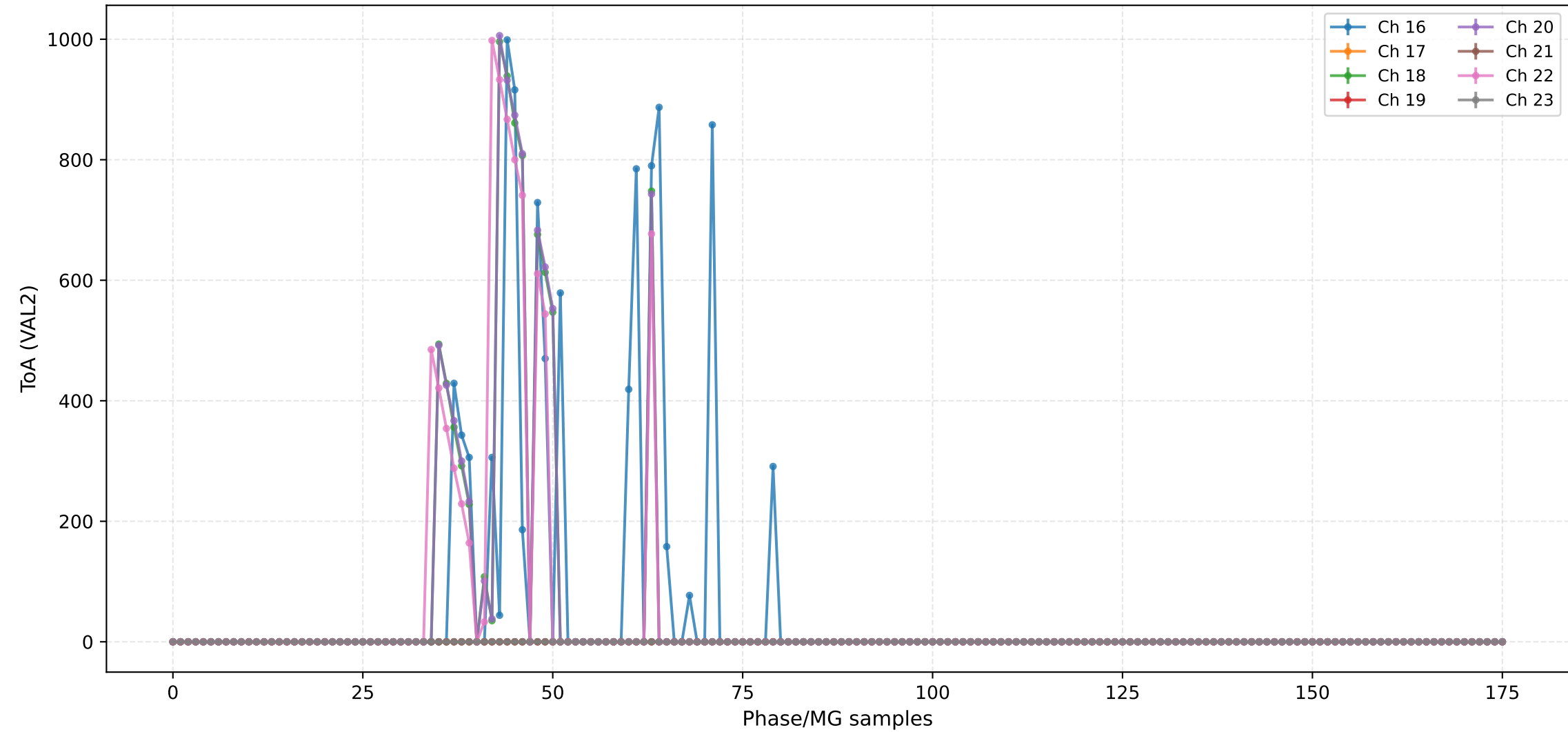




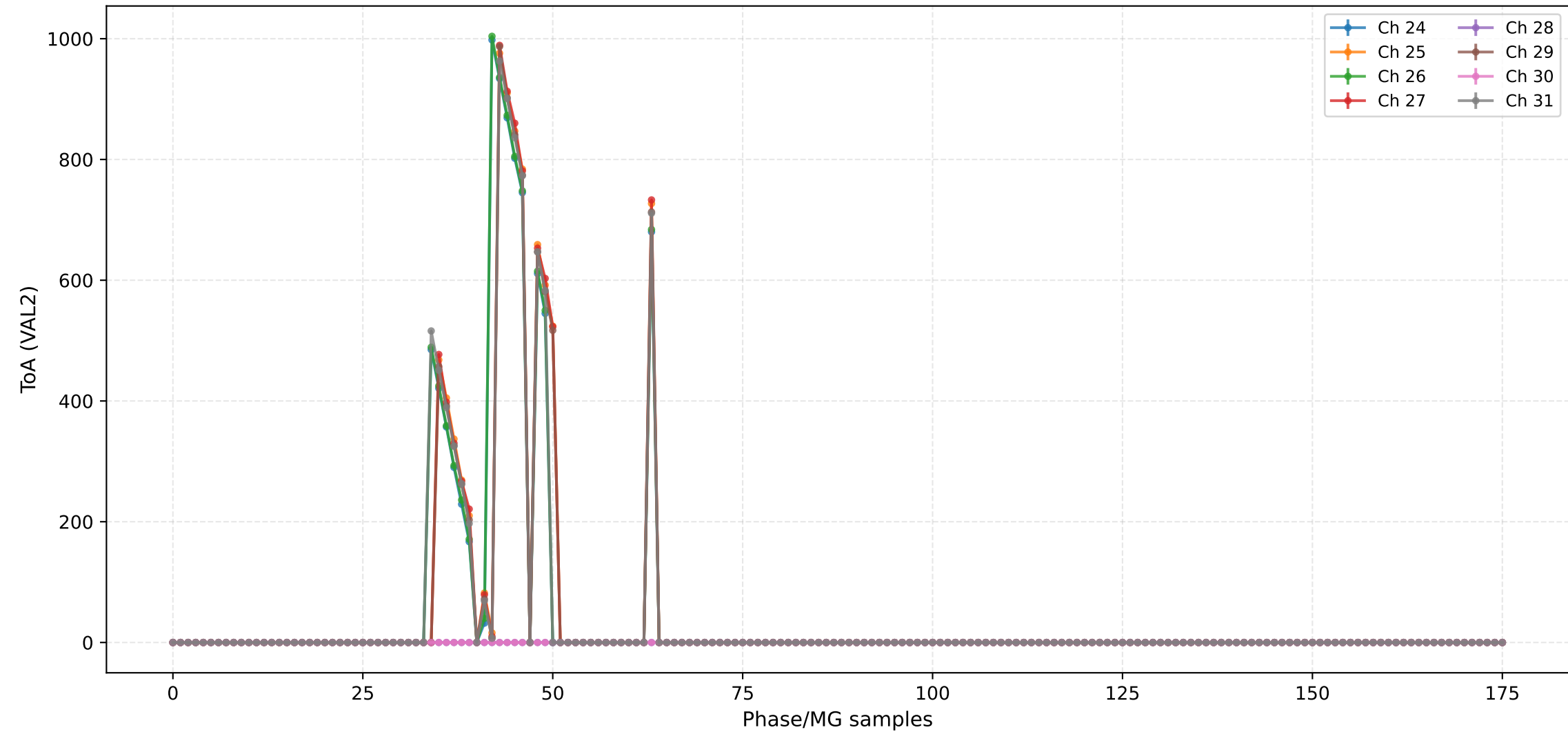




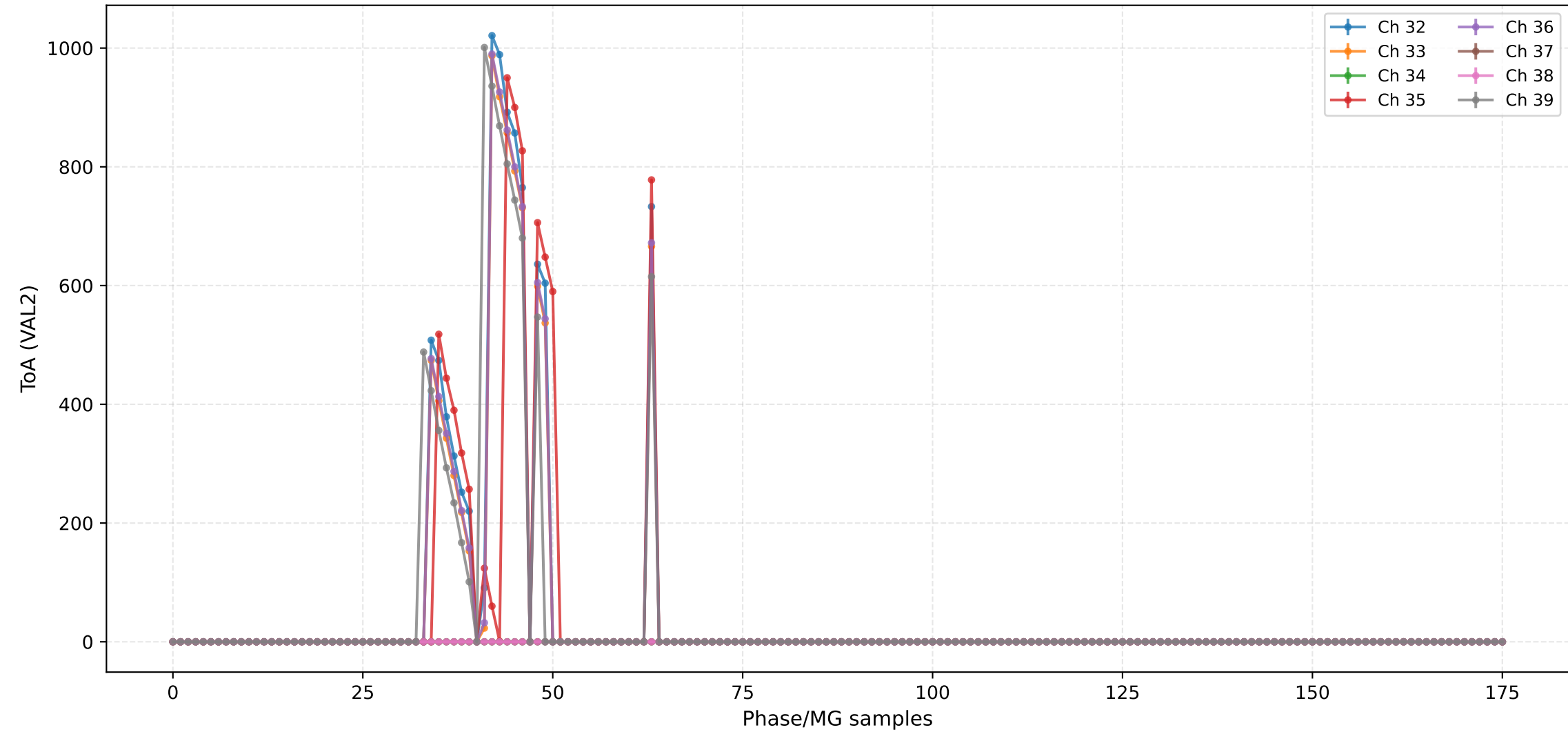
## ToA (VAL2) - Channels 16 to 23



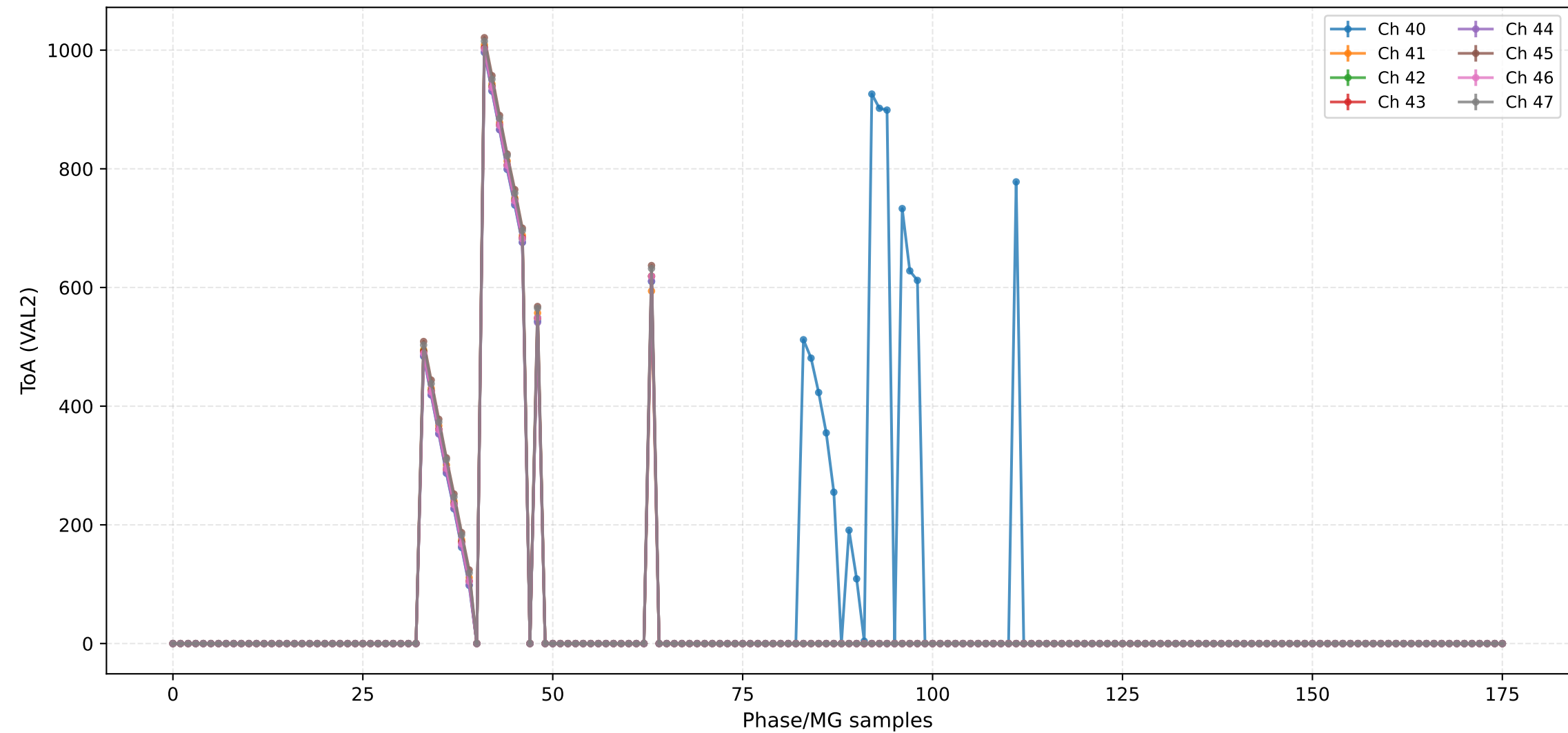
## ToA (VAL2) - Channels 24 to 31



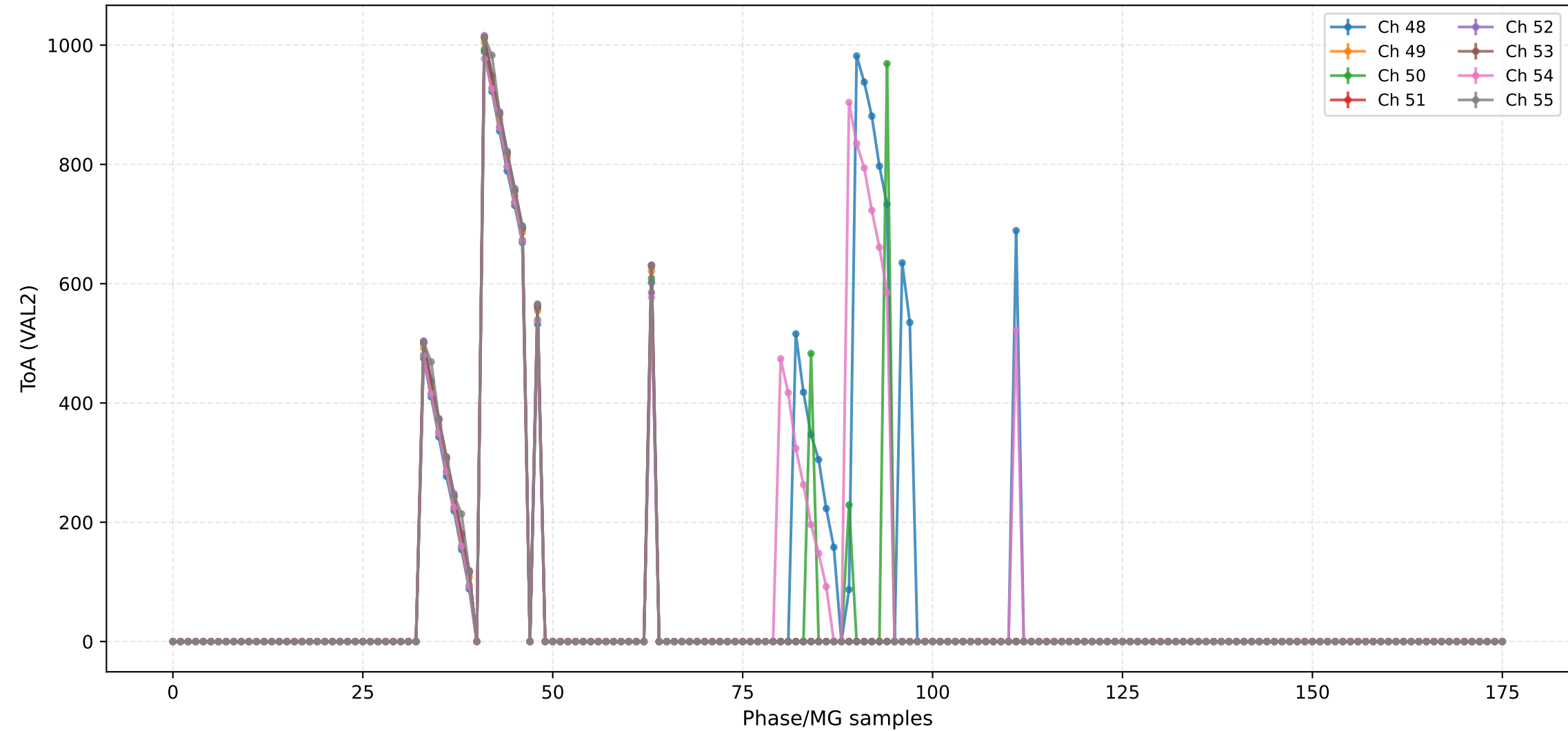
## ToA (VAL2) - Channels 32 to 39



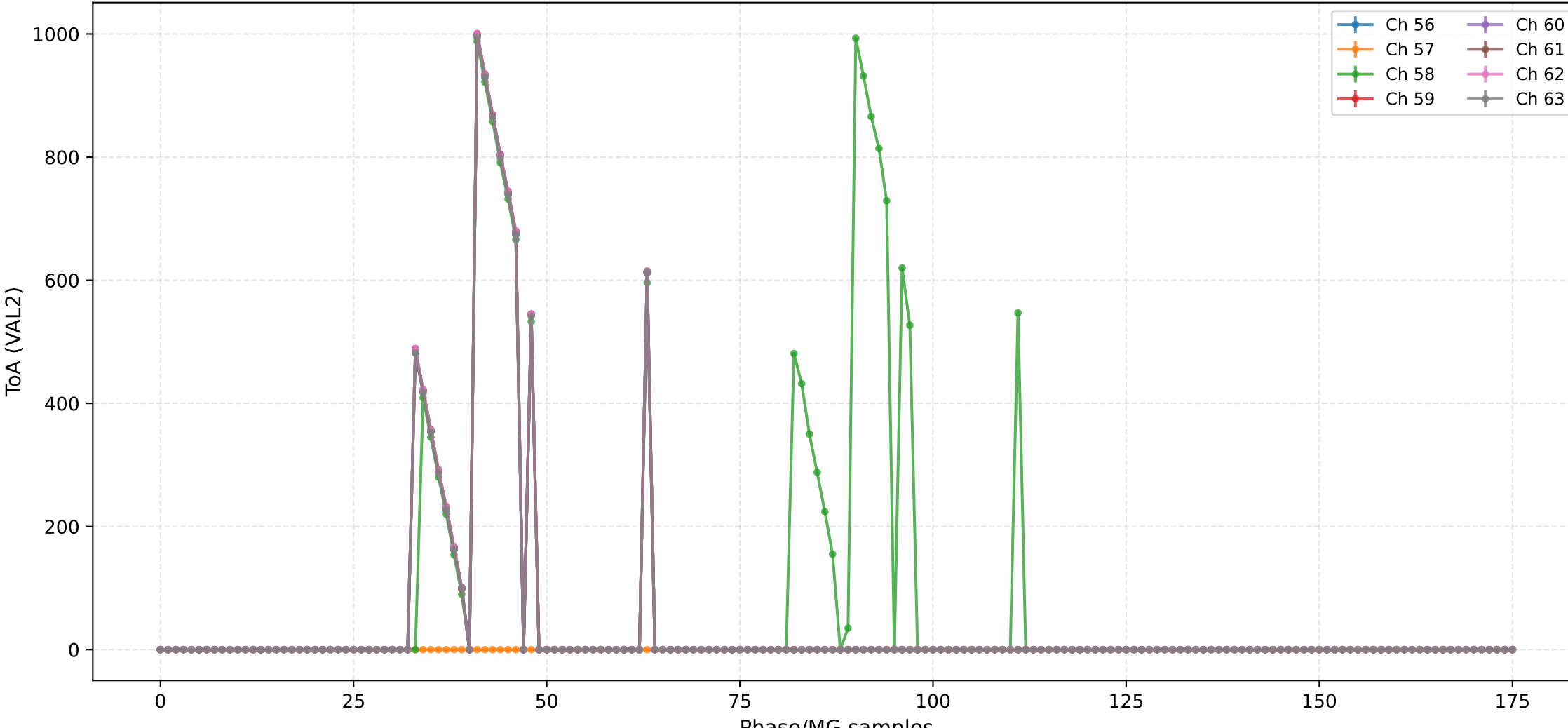
ToA (VAL2) - Channels 40 to 47



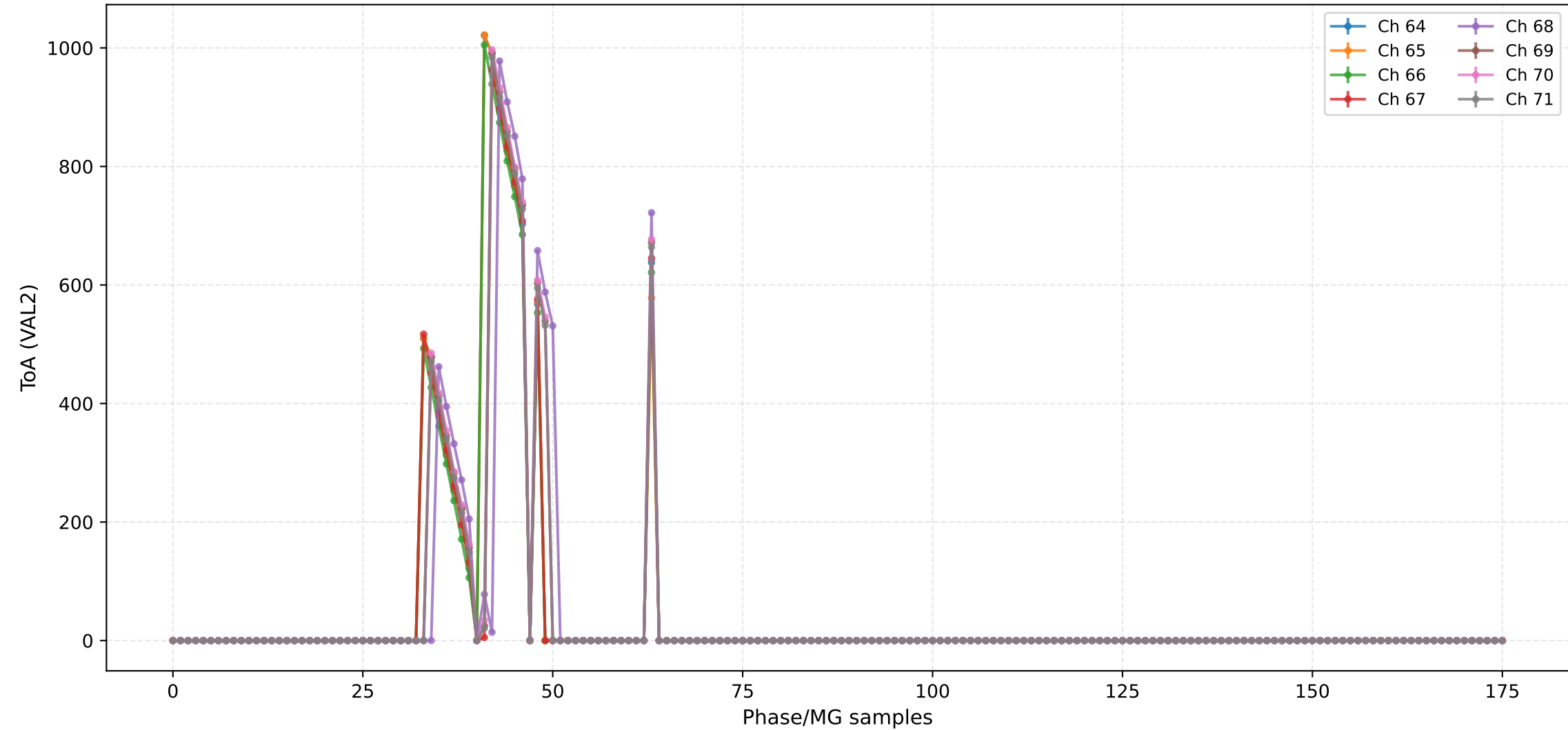
## ToA (VAL2) - Channels 48 to 55



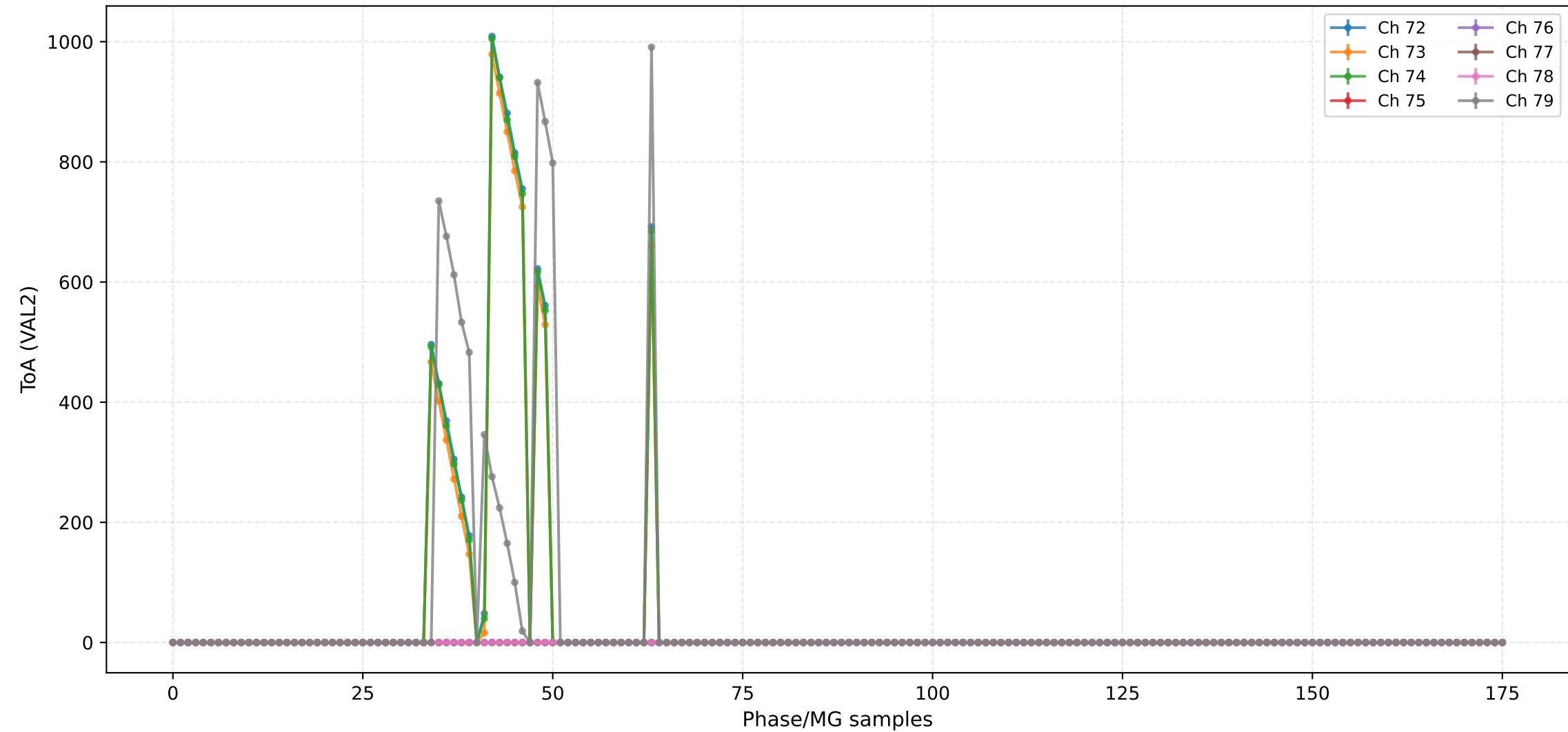
## ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71

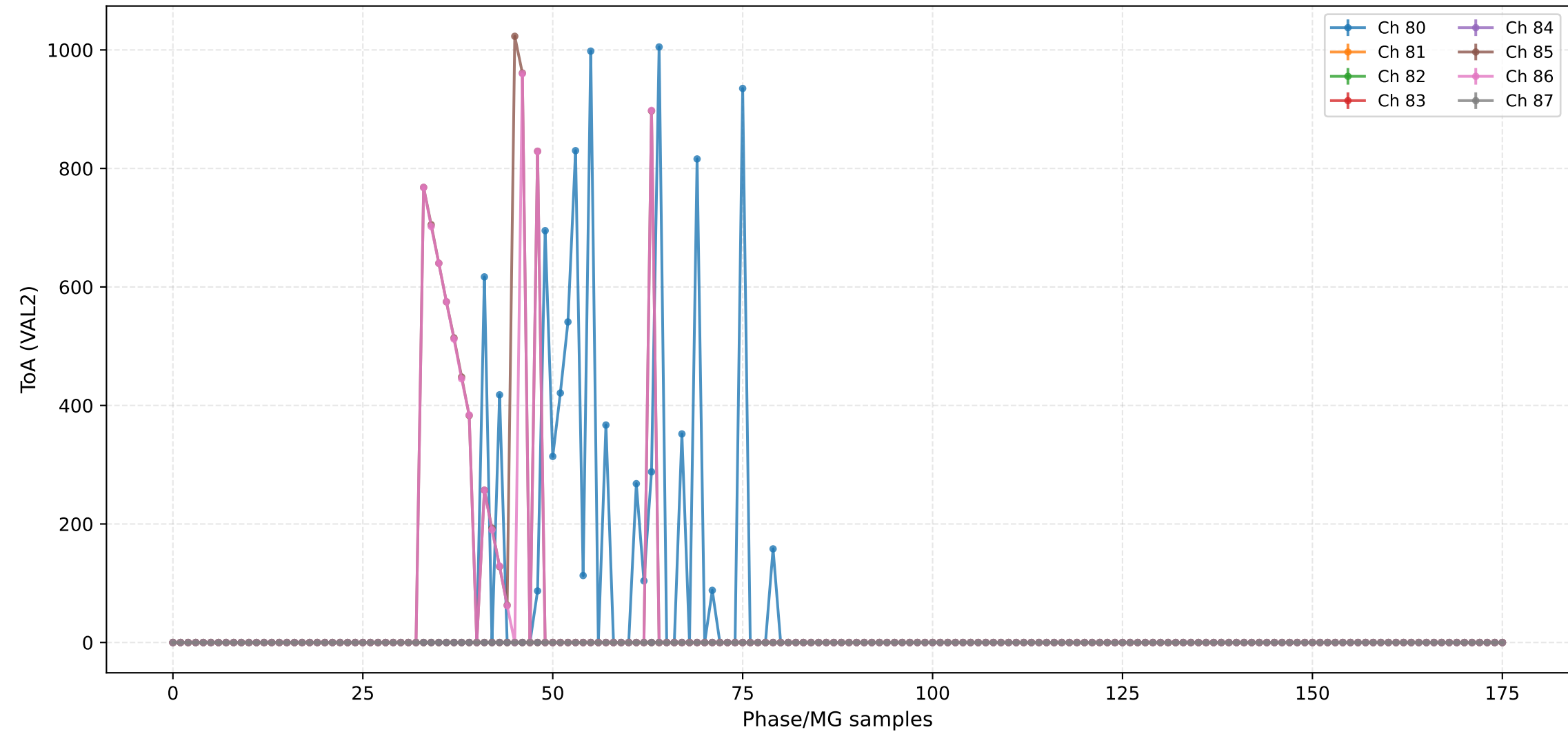


## ToA (VAL2) - Channels 72 to 79

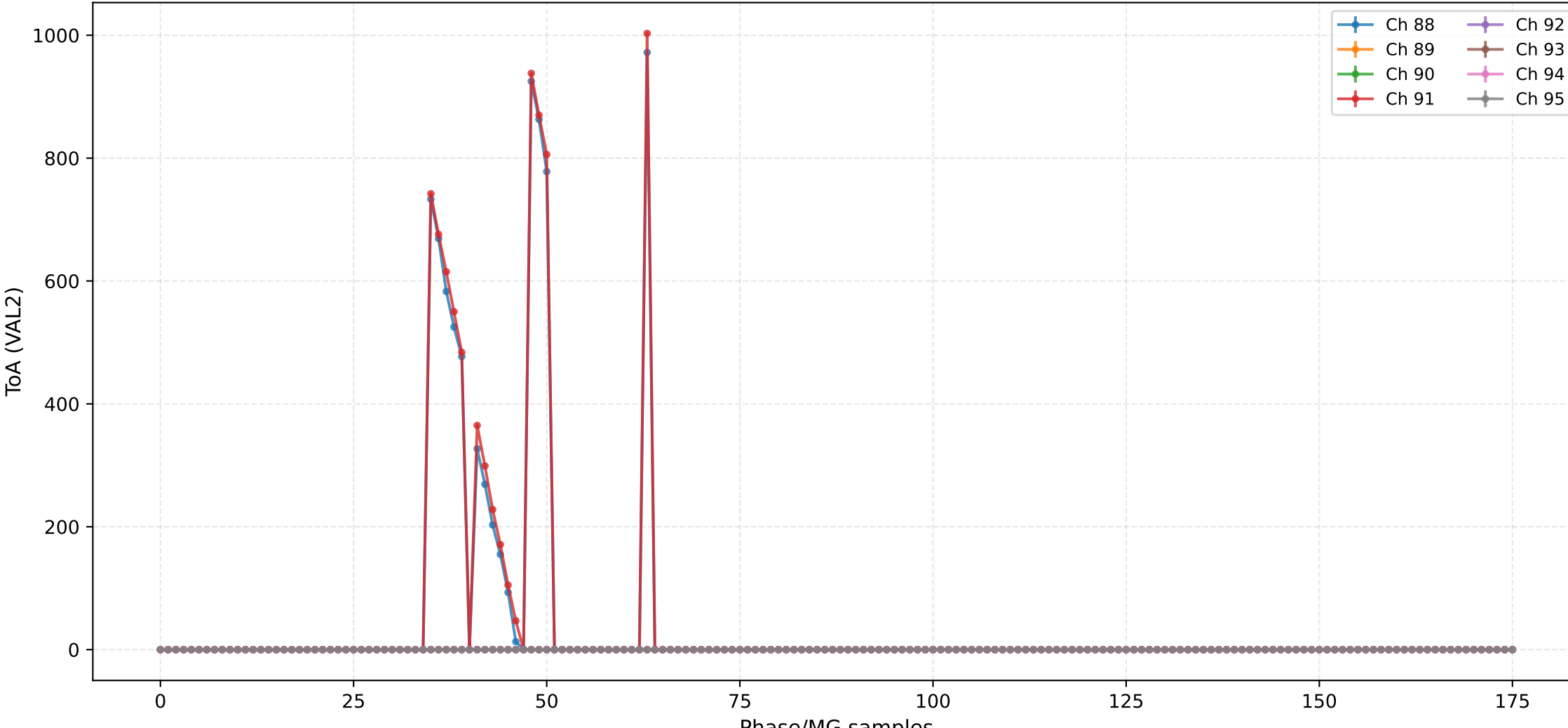




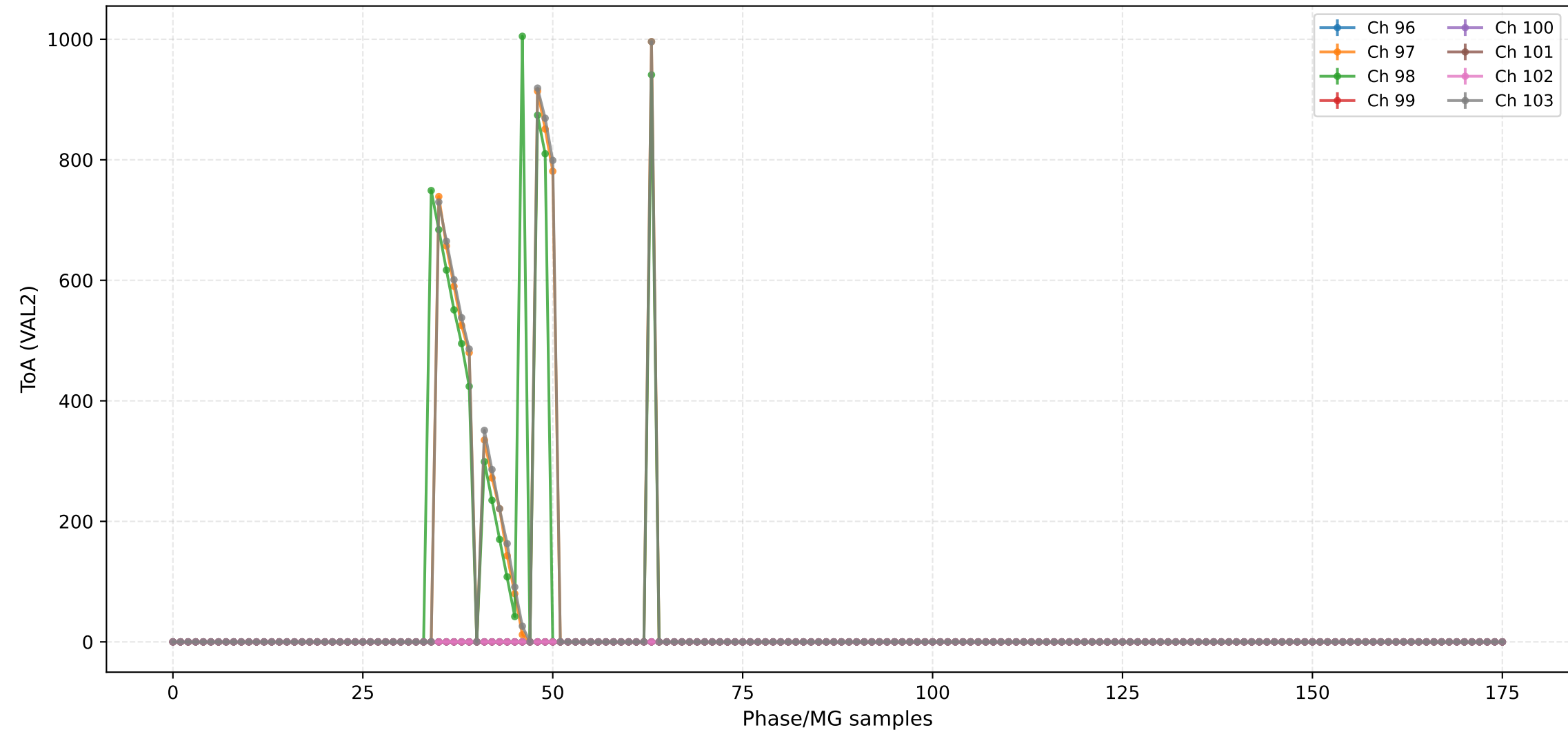
## ToA (VAL2) - Channels 80 to 87



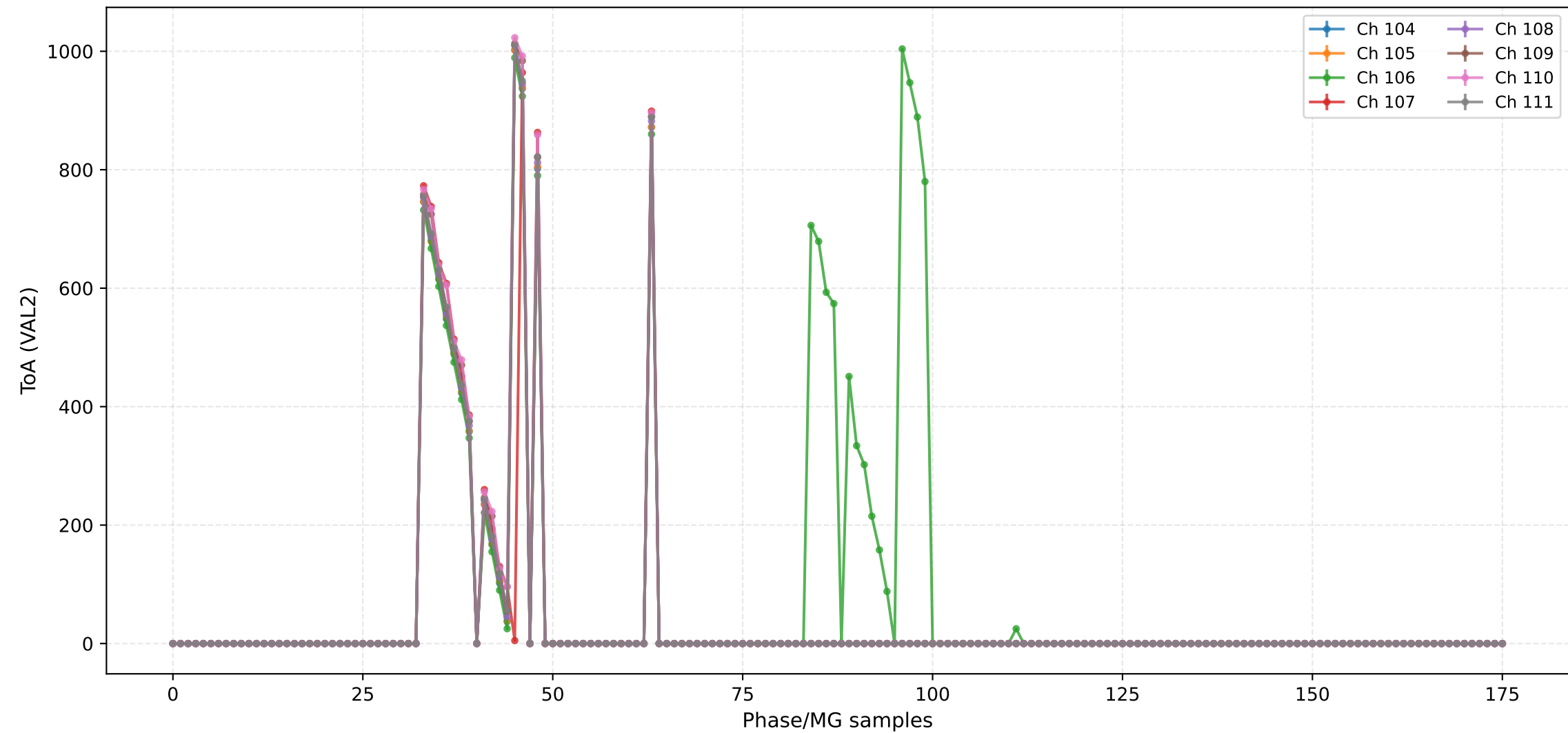
## ToA (VAL2) - Channels 88 to 95



ToA (VAL2) - Channels 96 to 103



## ToA (VAL2) - Channels 104 to 111





The graph displays the time evolution of the expectation value of the Pauli matrix  $\sigma_y$  for four different channels (Ch 120, Ch 121, Ch 122, Ch 123). The x-axis represents time in units of  $10^{-12}$  s, ranging from 0 to 150. The y-axis represents the expectation value, ranging from -0.5 to 0.5. All four channels show a constant value of approximately 0.05 throughout the entire time range.



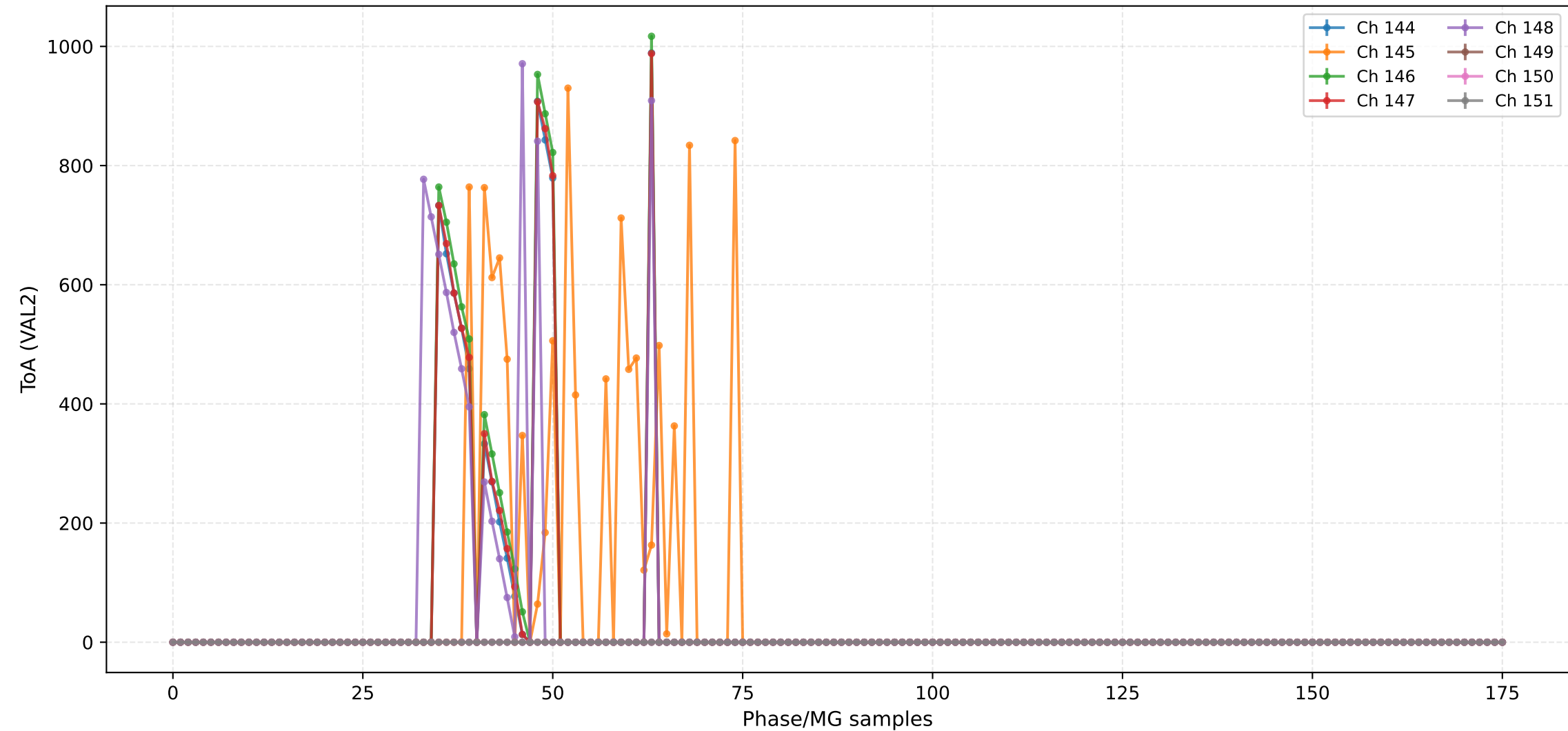
## ToA (VAL2) - Channels 128 to 135







ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

---

Script: 205\_Injection v1.0

Date: 2025-12-11 00:21:26

### Configuration:

- Total ASICs: 2
- Injection DAC: 800
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac800\_mg10\_pack2\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac800\_mg10\_pack2\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac800\_mg10\_pack2\_chn76\_val2.csv